

Recent patent applications in proteomics

Patent #	Subject	Assignee(s)	Inventor(s)	Priority application date	Publication date
WO 2006095158	A method for assigning a treatment and/or monitoring regime to a cancer patient, involving determining the Raf kinase inhibitor protein (PKIP) expression level in a sample from a primary tumor obtained from the patient.	Al-Mulla F, Hagan S, Kolch W	Al-Mulla F, Hagan S, Kolch W	3/7/2005	9/14/2006
JP 2006230251	A fusion protein expression vector, comprising a restriction enzyme site for inserting the gene encoding a protein derived from <i>Halobacterium</i> and a gene encoding a target protein downstream of the <i>Halobacterium</i> gene, and a protease cleavage site, where the target protein is expressed as a fusion protein along with the protein derived from <i>Halobacterium</i> .	Kagoshima University (Kagoshima, Japan)	Ishibashi M, Tokunaga H, Tokunaga M	2/23/2005	9/7/2006
EP 1698702	A polynucleotide comprising a functionally linked nucleic acid sequence comprising an autonomously replicating sequence element, a nucleic acid sequence comprising a ribosomal DNA (rDNA) gene, a nucleic acid sequence encoding a selection marker and a nucleic acid sequence comprising an expressible nucleic acid sequence encoding a polypeptide and a promoter nucleic acid sequence governing the expression of the expressible sequence; useful for manufacturing a pharmaceutical composition.	Gellissen G	Gellissen G	3/2/2005	9/6/2006
US 20060194284, WO 2006089613	A host organism containing vitamin K reductase complex subunit 1 (VKORC1) and vitamin K-dependent (VKD) protein; useful in studying the improvement of the productivity of recombinant VKD protein expression.	Baxter Healthcare, Baxter International (Deerfield, IL, USA)	Boehm E, Scheiflinger F	2/28/2005	8/31/2006, 8/31/2006
WO 2006091483	A phage-derived vector comprising one or more factors that direct expression of a polypeptide of interest and at least one conditional promoter operably linked to coding sequences expressing one or more late phage transcripts; useful for cloning or expressing a heterologous polypeptide of interest.	Tabaczynski D	Tabaczynski D	2/22/2005	8/31/2006
WO 2006077126	A method of diagnosing multiple sclerosis <i>in vitro</i> in a patient, comprising providing a biological sample from the patient and a biological sample from a healthy donor, and determining the level of expression of CX3CR1 gene or protein expression in the samples.	Schering (Berlin)	Infante-Duarte C, Stuerzebecher C, Zipp-Nitsch F	1/19/2005	7/27/2006
WO 2006073976	Nucleic acid composition useful for enhancing expression levels or solubility of protein of interest, comprising nucleic acids encoding a small ubiquitin-related modifier (SUMO) protein, protein of interest and purification tags	LifeSensors (Malvern, PA, USA)	Butt T, Sterner D, Zuo X	12/30/2004	7/13/2006
WO 2006073320	A UBP1 protease mutant containing certain amino acid substitutions and deletions; useful for obtaining ubiquitin-cleaving enzymatic activity, or for synthesizing recombinant proteins expressing g ubiquitin.	Instytut Biotechnologii i Antybiotyków (Warsaw)	Chojnacka L, Mazurkiewicz A, Plucienniczak A, Wojtowicz A	1/10/2005	7/13/2006
WO 2006069203, US 20060216760	A method of determining protein expression patterns in a cell or a tissue comprising contacting the cell or the tissue with a nonnatural amino acid comprising a first reactive group.	California Institute of Technology (Pasadena, CA, USA)	Dieterich DC, Link AJ, Schuman E, Tirrell DA	12/22/2004	6/29/2006, 6/28/2006
CN 1737150	An adiponectin-glucagon-like peptide-1-like peptide recombinant protein expression vector and construction.	Zhejiang University (Zhejiang, China)	Gu W, Zhan Y, Zhao J, Zhao T	7/22/2005	2/22/2006

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