Datasheet for ABIN1666214

ERV-FRD Provirus Ancestral Env Polyprotein (ERVFRD-1) (AA 16-478) protein (His tag)

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Overview

Quantity:	1 mg
Target:	ERV-FRD Provirus Ancestral Env Polyprotein (ERVFRD-1)
Protein Characteristics:	AA 16-478
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	AYRHP DFPLLEKAQQ LLQSTGSPYS TNCWLCTSSS TETPGTAYPA SPREWTSIEA ELHISYRWDP NLKGLMRPAN SLLSMVKQDF PDIRQKPPIF GPIFTNINLM GIAPICVMAK RKNGTNVGTL PSTVCNVTFT VDSNQQTYQT YTHNQFRHQP RFPKPPNITF PQGTLLDKSS RFCQGRPSSC STRNFWFRPA DYNQCLQISN LSSTAEWVLL DQTRNSLFWE NKTKGANQSQ TPCVQVLAGM TIATSYLGIS AVSEFFGTSL TPLFHFHIST CLKTQGAFYI CGQSIHQCLP SNWTGTCTIG YVTPDIFIAP GNLSLPIPIY GNSQLPRVRR AIHFIPLLAG LGILAGTGTG IAGITKASLT YSQLSKEIAN NIDTMAKALT TMQEQIDSLA AVVLQNRRGL DMLTAAQGGI CLALDEKCCF WVNQSGKVQD NIRQLLNQAS SLRERATQGW LNWEGTWK
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	ERV-FRD Provirus Ancestral Env Polyprotein (ERVFRD-1)
Alternative Name:	ERV-FRD provirus ancestral Env polyprotein (ERVFRDE1) (ERVFRD-1 Products)
Background:	Recommended name: ERV-FRD provirus ancestral Env polyprotein. Alternative name(s): Envelope polyprotein Syncytin-2 Cleaved into the following 2 chains: 1. Surface protein. Short name= 2. SU 3. Transmembrane protein. Short name= 4. TM
UniProt:	P61557

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.