

Datasheet for ABIN5714242
Factor VIII Protein (AA 15-629) (His tag)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Factor VIII (F8)
Protein Characteristics:	AA 15-629
Origin:	Influenza C Virus
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Factor VIII protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	EKIKICLQKQ VNSSFSLHNG FGGNLYATEE KRMFELVKPK AGASVLNQST WIGFGDSRTD QNSAFPRSL MSAKTADKFR SLGGSLMLS MFGPPGKVDY LYQCGGKHKV FYEGVNWSPH AAIDCYRKNW TDIKLNFQKS IYELASQSHC MSLVNALDKT IPLQVTKGVA KNCNNSFLKN PALYTQEVKP LEQICGEENL AFFTLPTQFG TYECKLHLVA SCYFIYDSKE VYNKRGCGNY FQVIYDSSGK VVGGLDNRVS PYTGNSGDTP TMQCDMLQLK PGRYSVRSSP RFLLM PERSY CFDMKEKGPV TAVQSIWGKG RKSDYAVDQA CLSTPGCMLI QKQKPYIGE A DDHHGDQEMR ELLSGLDYEA RCISQSGWVN ETSPFTEEYL LPPKFGRCPL AAKEESIPKI PDGLLIPTSG TDTTVTKPKS RIFGIDDLII GLLFVAIVEA GIGGYLLGSR KESGGVTK E SAEKGFEKIG NDIQILRSST NIAIEKLNDR ISHDEQAIRD LTLEIENARS EALLGELGII RALLVGNISI GLQESLWELA SEITNRAGDL AVEVSPGCWI IDNNICDQSC QNFIFKFNET APVPTIPPLD TKIDLQSDPF YWGSS
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

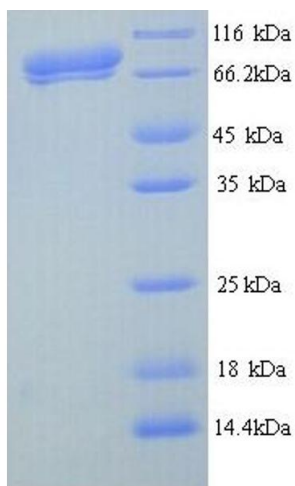
Target:	Factor VIII (F8)
Alternative Name:	HEMA (F8 Products)
Background:	Binds to the N-acetyl-9-O-acetylneuraminic acid residues on the cell surface, bringing about the attachment of the virus particle to the cell. Plays a major role in the determination of host range restriction and virulence. Class I viral fusion protein. Responsible for penetration of the virus into the cell cytoplasm by mediating the fusion of the mbrane of the endocytosed virus particle with the endosomal mbrane. Low pH in endosomes induce an irreversible conformational change in HEF2, releasing the fusion hydrophobic peptide. Several trimers are required to form a competent fusion pore. Displays a receptor-destroying activity which is a neuraminidate-O-acetyl esterase. This activity cleaves off any receptor on the cell surface, which would otherwise prevent virions release. These cleavages prevent self-aggregation and ensure the efficient spread of the progeny virus from cell to cell .
Molecular Weight:	70.05 kDa
UniProt:	P03465

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.