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Datasheet for ABIN1631418

ADAM5 Protein (AA 1-649) (His tag)

Overview

Quantity:	1 mg
Target:	ADAM5
Protein Characteristics:	AA 1-649
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ADAM5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MKTPISSILK SNGLGIFLYR SFITSTAVSY TYDRQDVRHS QSLSSLKNCN YNGYVAGFPN SIVSLTVCSG LRGMIQFENV SYGIEPVETL SGFIHVIYEN TNQQAIPDL GENQTYSWSD ELDYQFRSNM KKS GF A VLRP RYIKTDIVVD KKLFDYMGSD TRVVLQKVIQ IIGFINTMFS KLKLTVLINS VEIWSKENRI DFPEAPENLL VQFLHWKHKY RPQHISYLLA FVEHPASTGA LYPGNLCKPI YGAAIALYPK GLSLESYSVI VLQLLSIGIG LTYDNADSCH CTGDVCLMTP KAIYSGGVKD FSTCSLDDFK YLSTQDLECL QDLPMERQKK KPSRPRRICG NGILEMNEQC DCGTLKNCTH KKCCDPMSCR LSKAVCGSG ECCGQDCKVK PVNVLCRKS NECDFEFYCN GNDAYCVPDT FARNGQYCDG GQAFCYSGLC MTSNNQCMNL LGKYVRGASF ACYEEFNSRN DRFGNCIRKF CSFENSLCGK LVCTWPFKRL LMKDNMSAAY GQIRDDLCIS LYKGG RPLKT TLSTYS DMSE RDETFVKDGT ICGPDMFCLE TQCKETRFLV DFQQCNTSRD CNDHGVCCNF NHCHCDKGYN PPYCESVKGQ FGSIDDGHKY YIDEGKSAKQ QNRGIHPKQ
Specificity:	Rattus norvegicus (Rat)

Product Details

Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
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Purity:	> 90 %
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Target Details

Target:	ADAM5
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Alternative Name:	Disintegrin and metalloproteinase domain-containing protein 5 (Adam5) (ADAM5 Products)
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Background:	<p>Recommended name: Disintegrin and metalloproteinase domain-containing protein 5.</p> <p>Alternative name(s): Transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein II.</p> <p>Short name= tMDC II</p>
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UniProt:	Q5BK84
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Application Details

Comment:	<p>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 modified 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.</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Concentration:	0.2-2 mg/mL
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Buffer:	Tris-based buffer, 50 % glycerol
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Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
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Handling

Storage: -20 °C

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.