

Recombinant Homo sapiens A disintegrin and metalloproteinase with thrombospondin motifs

Catalog No: #AP73145

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Package Size: #AP73145-1 20ug #AP73145-2 100ug #AP73145-3 1mg

Description

Product Name	Recombinant Homo sapiens A disintegrin and metalloproteinase with thrombospondin motifs
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:242-593aaSequence Info:Partial
Other Names	COMPase
Accession No.	Q9UKP4
Uniprot	Q9UKP4
GeneID	11173;
Calculated MW	41.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KWVETLVVADAKMVEYHGQPQVESYVLTIMNMVAGLFHDPSIGNPIHITIVRLVLEDEEEDLKITHHADNTLKS FCKWQKSINMKGDAHPLHHDTAILLTRKDLCAAMNRPCE TLGLSHVAGMCQPHRSCSINEDTGLPLAFTVAHE LGHSFGIQHDGSGNDCEPVGKRPFIMSPQLLYDAAPLTWSRCSRQYITRFLDRGWGLCLDDPPAKDIIDFPSV PPGVLYDVSHQCRLQYGAYS AFCEDMDNVCHTLWCSVGTTCCHSKLDAAVDGTTCGENKWCLSGECVPVGF RPEAVDGGWSGWSAWSICSRSCGMGVQSAERQCTQPTPKYKGRYCVGERKRFRLCNLQACP
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Metalloprotease that may play a role in the degradation of COMP.

References

"ADAMTS-7: a metalloproteinase that directly binds to and degrades cartilage oligomeric matrix protein."Liu C.-J., Kong W., Ilalov K., Yu S., Xu K., Prazak L., Fajardo M., Sehgal B., Di Cesare P.E.FASEB J. 20:988-990(2006)Research Topic:Cell Biology

Note: This product is for in vitro research use only