

Recombinant Human ADAMTS7 Protein (242-593 aa), His-SUMO-tagged

Cat. No. ADAMTS7-1156H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAMTS7 Protein (242-593 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cell Biology. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	242-593 aa
Description	Metalloprotease that may play a role in the degradation of COMP.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	55.1 kDa
AA Sequence	KKWETLVVADAKMVEYHGQPQVESYVLTIMNMVAGLFHDPSIGNPIHITIVRLVLLED EEEDLKITHHADNTLKSFCKWQKSINMKGDAHPLHHDTAILLTRKDLCAAMNRPCE T LGLSHVAGMCQPHRSCSINEDTGLPLAFTVAHELGHSGFIQHDGSGNDCEPVGKRP FIMSPQLLYDAAPLTWSRCSRQYITRFLDRGWGLCLDDPPAKDIIDFPSVPPGVLYD VSHQCRLQYGAYSAFCEMDNVCHTLWCSVGTTCHSKLDAAVDGTRCGENKWCL SGECVPVGFPRPEAVDGGWSGWSAWSICSRSCGMGVQSAERQCTQPTPKYKG RY CVGERKRFRLCNLQACP

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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ADAMTS7 ADAM metalloproteinase with thrombospondin type 1 motif, 7 [Homo sapiens]
Official Symbol	ADAMTS7
Synonyms	ADAMTS7; ADAM TS7; COMPase; DKFZp434H204; ADAM-TS7; ADAMTS-7; ADAM-TS 7;
Gene ID	11173
mRNA Refseq	NM_014272
Protein Refseq	NP_055087
MIM	605009

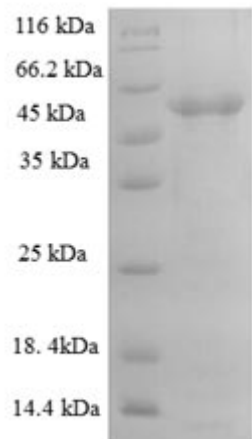
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UniProt ID

Q9UKP4



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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