Recombinant Human ADAM28 Protein, His-tagged

Cat. No. ADAM28-10987H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ADAM28 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Val 199 - Phe 665 (Accession # Q9UKQ2). This protein carries a polyhistidine tag at the C-terminus. Predicted N-terminus: Val 199
Species	Human
Source	HEK293
ProteinLength	199-665 aa
Description	ADAM28 is a member of the ADAM (A Disintegrin And Metalloprotease) family, which are transmembrane or secreted proteins with diverse functions, including shedding of cell surface proteins, cell adhesion, and proteolysis of extracellular matrix components. ADAM28 possesses both disintegrin and metalloprotease domains, allowing it to mediate cell-cell or cell-matrix interactions and cleave various substrates.
Form	Supplied as 0.2 μm filtered solution in 20 mM MES, 150 mM NaCl, pH6.5 with glycerol as protectant.
Molecular Mass	The protein has a calculated MW of 54.1 kDa. The protein migrates as 63-70 kDa and 90 kDa when calibrated against Star Ribbon Pre-stained Protein Marker under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	>90% as determined by SDS-PAGE.

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Storage	This product is stable after storage at: The product MUST be stored at -70 centigrade or lower upon receipt; -70 centigrade for 3 months under sterile conditions. Please avoid repeated freeze-thaw cycles.
Concentration	0.2 mg/mL
Shipping	This product is supplied and shipped with dry ice, please inquire the shipping cost.

GENE INFORMATION

Gene Name	ADAM28 ADAM metallopeptidase domain 28 [Homo sapiens (human)]
Official Symbol	ADAM28
Synonyms	ADAM28; ADAM metallopeptidase domain 28; MDCL; MDC-L; eMDCII; ADAM 28; eMDC II; disintegrin and metalloproteinase domain-containing protein 28; epididymal metalloproteinase-like, disintegrin-like, and cysteine-rich protein II; epididymial metalloproteinase-like, disintegrin-like, and cysteine-rich protein II; epididymis secretory sperm binding protein; metalloproteinase-like, disintegrin-like, and cysteine-rich protein-L; EC 3.4.24.-
Gene ID	10863
mRNA Refseq	NM_014265
Protein Refseq	NP_055080
MIM	606188
UniProt ID	Q9UKQ2

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