Active Recombinant Human ADAM8 protein, His-tagged, Low Endotoxin

Cat. No. ADAM8-7543H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM8 protein(P78325)(Ile17-Pro655), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	17-655 aa
Form	Lyophilized from 0.22μm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human ADAM8, His Tag at 1μg/ml (100μl/well) on the plate. Dose response curve for Anti-ADAM8 Antibody, hFc Tag with the EC50 of 3.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 70.9 kDa.The protein migrates to 55-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3

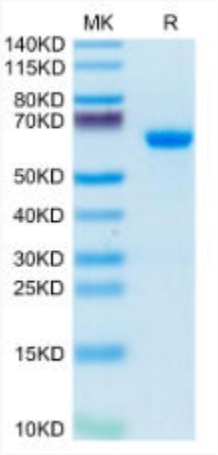
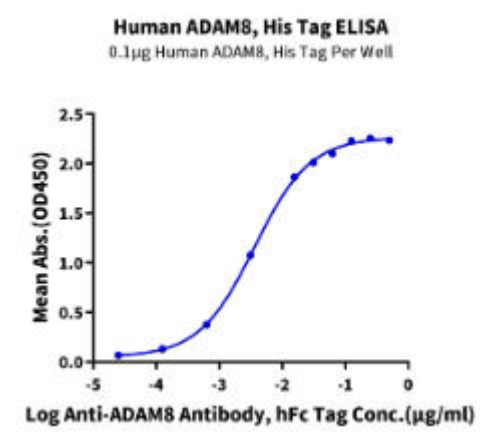
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	months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	ADAM8 ADAM metallopeptidase domain 8 [Homo sapiens]
Official Symbol	ADAM8
Synonyms	ADAM8; ADAM metallopeptidase domain 8; a disintegrin and metalloproteinase domain 8; disintegrin and metalloproteinase domain-containing protein 8; CD156; MS2; cell surface antigen MS2; human leukocyte differentiation antigen; MGC134985;
Gene ID	101
mRNA Refseq	NM_001109
Protein Refseq	NP_001100
MIM	602267
UniProt ID	P78325

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Bis-Tris PAGE	
ELISA Data	

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