Active Recombinant Human SLC3A2 protein, hFc-tagged, Low Endotoxin

Cat. No. SLC3A2-1348H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SLC3A2 protein(AAH01061)(Arg206-Ala630), fused with N-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	206-630 aa
Form	Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human CD98, hFc Tag at 2 μg/ml (100 μl/well) on the plate. Dose response curve for Biotinylated CD98 Antibody, hFc Tag with the EC50 of 16.4 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 72.38 kDa. Due to glycosylation, the protein migrates to 80-100 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	SLC3A2 solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2 [Homo sapiens]
Official Symbol	SLC3A2
Synonyms	SLC3A2; solute carrier family 3 (activators of dibasic and neutral amino acid transport), member 2; MDU1; 4F2 cell-surface antigen heavy chain; 4F2; 4F2 cell surface antigen heavy chain; 4F2 heavy chain; 4F2HC; 4T2HC; antigen defined by monoclonal 4F2; antigen identified by monoclonal antibodies 4F2; TRA1.10; TROP4; and T43; CD98; CD98 heavy chain; CD98HC; heavy chain; lymphocyte activation antigen 4F2 large subunit; monoclonal 44D7; NACAE; antigen defined by monoclonal 4F2, heavy chain; antigen identified by monoclonal antibodies 4F2, TRA1.10, TROP4, and T43;
Gene ID	6520
mRNA Refseq	NM_001012662
Protein Refseq	NP_001012680
MIM	158070
UniProt ID	P08195

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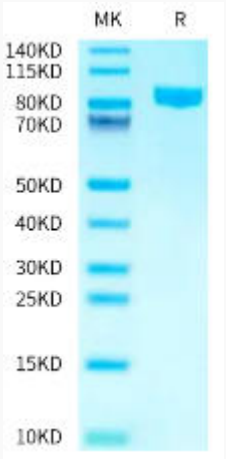
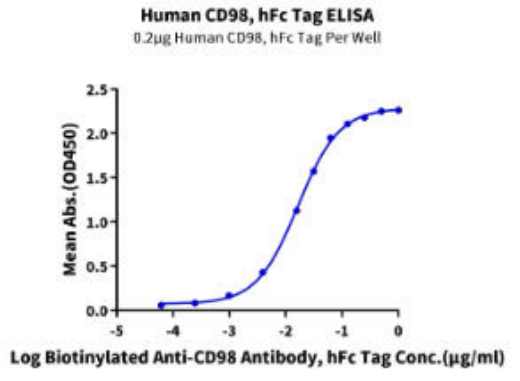
Bis-Tris PAGE	
ELISA Data	

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