Recombinant Human GAL protein, Fc-tagged

Cat. No. GAL-289H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAL protein(P22466) (Met1-Ser123) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-123 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human GAL/Fc is a disulfide-linked homodimer. The reduced monomer comprises 345 amino acids and has a predicted molecular mass of 38.5 kDa. The apparent molecular mass of the protein is approximately 43 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

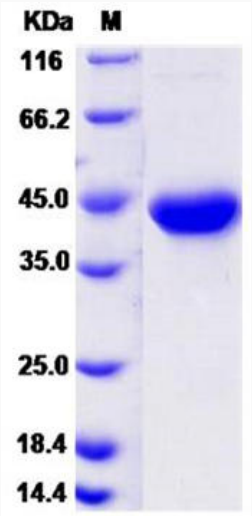
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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	GAL galanin prepropeptide [Homo sapiens]
Official Symbol	GAL
Synonyms	GAL; galanin prepropeptide; galanin, GALN; galanin peptides; galanin message associated peptide; GLNN; GMAP; galanin-related peptide; galanin-message-associated peptide; GALN; MGC40167;
Gene ID	51083
mRNA Refseq	NM_015973
Protein Refseq	NP_057057
MIM	137035
UniProt ID	P22466

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SDS-PAGE	

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