

Recombinant Human GPHA2 protein, mFc-tagged

Cat. No. GPHA2-3215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPHA2 protein(Q96T91) (Met1-Tyr129) was expressed in HEK293, fused with Fc region of mouse IgG at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-129 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human GPHA2/mFc is a disulfide-linked homodimer. The reduced monomer comprises 340 amino acids and has a predicted molecular mass of 38.1 kDa. The apparent molecular mass of the protein is approximately 38-43 in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % 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

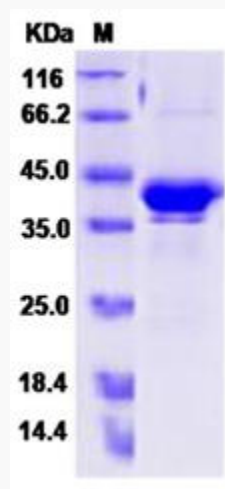
Gene Name	GPHA2 glycoprotein hormone alpha 2 [Homo sapiens]
Official Symbol	GPHA2
Synonyms	GPHA2; glycoprotein hormone alpha 2; glycoprotein hormone alpha-2; A2; cysteine knot protein; glycoprotein alpha 2; GPA2; MGC126572; ZSIG51; thyrostimulin subunit alpha; putative secreted protein Zsig51;
Gene ID	170589
mRNA Refseq	NM_130769
Protein Refseq	NP_570125
MIM	609651
UniProt ID	Q96T91

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SDS-PAGE



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