

Recombinant Human GPHA2, Fc tagged

Cat. No. GPHA2-227H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GPHA2 (Q96T91) (Met1-Tyr129), fused with the Fc region of mouse IgG at the C-terminus, was produced in Human Cells.
Species	Human
Source	Human Cells
ProteinLength	1-129 a.a.
Predicted N Terminal	Gln 24
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
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 con
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. 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
Gene ID	170589
mRNA Refseq	NM_130769
Protein Refseq	NP_570125
MIM	609651
UniProt ID	Q96T91
Chromosome Location	11q13.1

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