

Recombinant Human HYOU1 protein, His-tagged

Cat. No. HYOU1-3255H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HYOU1 protein(NP_001124463.1) (Met 695-Leu 994) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	695-994 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Molecular Mass	The recombinant human HSP12A consists of 311 amino acids and predicts a molecular mass of 35.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh SEMA5A is approximately 55-65 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 97 % 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 [HYOU1 hypoxia up-regulated 1 \[Homo sapiens \]](#)

Official Symbol [HYOU1](#)

Synonyms

HYOU1; hypoxia up-regulated 1; hypoxia up-regulated protein 1; glucose regulated protein 170; Grp170; HSP12A; ORP150; glucose-regulated protein 170; 150 kDa oxygen-regulated protein; oxygen regulated protein (150kD); 170 kDa glucose-regulated protein; GRP-170; ORP-150; FLJ94899; FLJ97572; DKFZp686N08236;

Gene ID [10525](#)

mRNA Refseq [NM_001130991](#)

Protein Refseq [NP_001124463](#)

MIM [601746](#)

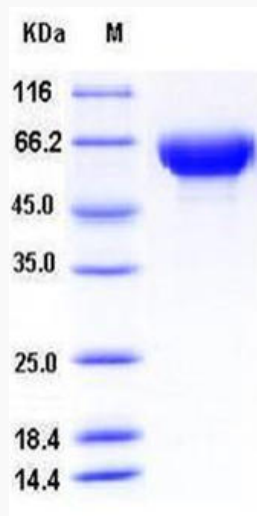
UniProt ID [Q9Y4L1](#)

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SDS-PAGE



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