

Recombinant Human HBQ1 protein, GST-tagged

Cat. No. HBQ1-6874H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBQ1 protein(1-142 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-142 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	MALSAEDRALVRALWKKLGSNVG VYTTEALERTFLAFPATKTYFSHLDLSPGSSQVR AHGQKVADALSLAVERLDDLPHALSALSHLHACQLRVDPASFQLLGHCLLVTLARHY PGDFSPALQASLDKFLSHVISALVSEYR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

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Official Symbol	HBQ1
Synonyms	hemoglobin, theta 1; 4833; Ensembl:ENSG00000086506; hemoglobin subunit theta-1;theta-1-globin;hemoglobin theta-1 chain;
Gene ID	3049
mRNA Refseq	NM_005331.4
Protein Refseq	NP_005322.1
MIM	142240
UniProt ID	P09105
SDS-PAGE	 ← 42 kDa