

## Recombinant Human HBQ1 protein, His-tagged

Cat. No. HBQ1-13686H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HBQ1 protein(1-142 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-142 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>Storage</b>	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.
<b>AA Sequence</b>	MALSAEDRALVRALWKKLGSNVGVYTTTEALERTFLAFPATKTYFSHLDLSPGSSQVR AHGQKVADALSLAVERLDDLPHALSALSHLHACQLRVDPASFQLLGHCLLVTLARHY PGDFSPALQASLDKFLSHVISALVSEYR
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Official Symbol</b>	HBQ1
<b>Synonyms</b>	hemoglobin, theta 1; 4833; Ensembl:ENSG00000086506; hemoglobin subunit theta-1;theta-1-globin;hemoglobin theta-1 chain;
<b>Gene ID</b>	3049
<b>mRNA Refseq</b>	NM_005331.4
<b>Protein Refseq</b>	NP_005322.1
<b>MIM</b>	142240
<b>UniProt ID</b>	P09105

**SDS-PAGE**

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