

Recombinant Human HBD protein, His-GST-tagged

Cat. No. HBD-4296H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBD protein(P02042)(2-147aa), fused to N-terminal His tag and GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-147aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.5 kDa
AA Sequence	VHLTPEEKTAVNALWGKVNVDVAVGGEALGRLLVVYPWTQRFFESFGDLSSPDAVM GNPKVKAHGKKVLGAFSDGLAHLNLIKGTFSQLSELHCDKLHVDPENFRLLGNVLV CVLARNFGKEFTPQMQAAYQKVVAGVANALAHKYH
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	HBD hemoglobin, delta [Homo sapiens]
Official Symbol	HBD
Synonyms	hemoglobin, delta; 4829; Ensembl:ENSG00000223609; hemoglobin subunit delta; delta globin; delta-globin chain; hemoglobin delta chain;
Gene ID	3045
mRNA Refseq	NM_000519.3
Protein Refseq	NP_000510.1
MIM	142000
UniProt ID	A0N071

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