

Recombinant Human BBS4 protein, GST-tagged

Cat. No. BBS4-10155H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BBS4 protein(1-351 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-351 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MAEERVATRTQFPVSTESQKPRQKKAPEFPILEKQNWLIHLHYIRKDYEAACKAVIKEQ LQETQGLCEYAIYVQALIFRLEGNIQESLELFQTCAVLSPQSADNLKQVARSLFLLGK HKAAIEVYNAAKLNQKDWEISHNLGVCYIYLKQFNKAQDQLHNALNLRHDLTYIML GKIHLLLEGDLDAIEVYKKAVEFSPENTELLTTLGLLYLQLGIYQKAFEHLGNALTYDP TNYKAILAAGSMMQTHGDFDVALTKYRVVACAVPESPPLWNNIGMCFFGKKKYVAAI SCLKRANYLAPFDWKILYNLGLVHLTMQQYASAFHFLSAINFQPKMGELYMLLAVA LTNL
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name BBS4 Bardet-Biedl syndrome 4 [Homo sapiens]

Official Symbol BBS4

Synonyms BBS4; Bardet-Biedl syndrome 4; Bardet-Biedl syndrome 4 protein;

Gene ID 585

mRNA Refseq NM_001252678

Protein Refseq NP_001239607

MIM 600374

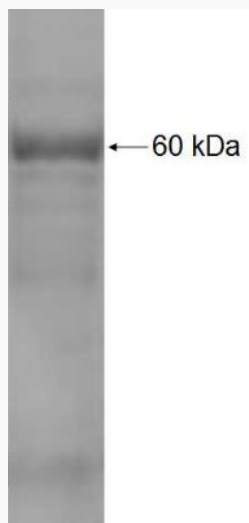
UniProt ID Q96RK4

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SDS-PAGE



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