

Recombinant Human TBC1D8 protein, GST-tagged

Cat. No. TBC1D8-2423H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBC1D8 protein(941-1140 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	941-1140 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. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	RNPLLSTSRPLVFGKPNGDAVDYQKQLKQMIKDLAKEKDKTEKELPKMSQREFIQFC KTLYSMFHEDPEENDLYQAIATVTTLLQIGEVGQRGSSSGSCSQECGEELRASAPS PEDSVFADTGKTPQDSQAFPEAAERDWTVSLEHILASLLTEQSLVNFFFEKPLDMKSK LENAKINQYNLKTFFEMSHQSQSELKLSNL
Purity	80%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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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 TBC1D8 TBC1 domain family, member 8 (with GRAM domain) [Homo sapiens]

Official Symbol TBC1D8

Synonyms

TBC1D8; TBC1 domain family, member 8 (with GRAM domain); TBC1 domain family member 8; AD3; BUB2 like protein 1; HBLP1; vascular Rab GAP/TBC containing protein; VRP; AD 3; BUB2-like protein 1; TBC1 domain family, member 8A; vascular Rab-GAP/TBC-containing protein; TBC1D8A;

Gene ID 11138

mRNA Refseq NM_001102426

Protein Refseq NP_001095896

UniProt ID O95759

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SDS-PAGE



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