

## Recombinant Human TBC1D8 protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TBC1D8 protein(941-1140 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	941-1140 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 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).
<b>AASequence</b>	RNPLLSTSRPLVFGKPNGDAVDYQKQLKQMIKDLAKEKDKTEKELPKMSQREFIQFC KTLYSMFHEDPEENDLYQAIATVTTLLQLIGEVGQRGSSSGSCSQECGEELRASAPS PEDSVFADTGKTPQDSQAFPEAAERDWTVSLEHILASLLTEQSLVNF FEKPLDMKSK LENAKINQYNLKT FEMSHQSQSELKLSNL
<b>Purity</b>	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.

 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

**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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