

Recombinant Human TBRG4 protein, GST-tagged

Cat. No. TBRG4-3138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TBRG4 protein(280-631 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	280-631 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	SYHLVQKPFSLTKDVLLDVAYAYGKLSFHQTQVSQRLATDLLSLMPSLTSGEVAHCA KSFALLKWLSSLPLFEAFAQHVLNRAQDITLPHLCSVLLAFARLNHFPDQEDQFFSLVH EKLGSLEPGLEPALQVDLVWALCVLQQAREAELQAVLHPEFHIQFLGGKSQKDQNT FQKLLHINATALLEYPEYSGPLLPAVAPGPSALDRKVTPQLQKELQETLKGLLSAD KGSLEVATQYGWVLD AEVLLDSDGEFLPVRDFVAPHLAQPTGSQSPPPGSKRLAFL RWEFPNFNSRSKDLLGRFVLARRHIVAAGFLIVDVPFYEWLELKSEWQKGAYLKDK MRKAVAEELAK
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 TBRG4 transforming growth factor beta regulator 4 [Homo sapiens]

Official Symbol TBRG4

Synonyms

TBRG4; transforming growth factor beta regulator 4; protein TBRG4; cell cycle progression 2 protein; Cpr2; FAST kinase domains 4; FASTKD4; H_TD2522F11.8; KIAA0948; cell cycle progression protein 2; FAST kinase domain-containing protein 4; cell cycle progression restoration protein 2; CPR2;

Gene ID 9238

mRNA Refseq NM_004749

Protein Refseq NP_004740

MIM 611325

UniProt ID Q969Z0

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SDS-PAGE



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