

## Recombinant Human TRIP4 protein, GST-tagged

Cat. No. TRIP4-5353H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TRIP4 protein(282-581 aa), fused with N-terminal GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	282-581 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>	VIDDESDYFASDSNQWLSKLERETLQKREEELRELRHASRLSKKVTIDFAGRKILEEE NSLAEYHSRLDETIQAIANGTLNQPLTKLDRSSEEPLGVLVNPNNMYQSPPQWVDHT GAASQKKAFRSSGFGLEFNFSQHQQLRIQDQEFQEGFDGGWCLSVHQPWASLLVRG IKRVEGRSWYTPHRGRLWIAATAKKPSPQEVSELQATYRLLRGKDVEFPNDYPSGC LLGCVDLIDCLSQKQFKEQFPDISQESDSPFVFICKNPQEMVVKFPIKGNPKIWKLDS KIHQGAKKGLMKQNKAV
<b>Purity</b>	85%, 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,

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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** TRIP4 thyroid hormone receptor interactor 4 [ Homo sapiens ]

**Official Symbol** TRIP4

**Synonyms** TRIP4; thyroid hormone receptor interactor 4; activating signal cointegrator 1; HsT17391; TRIP-4; TR-interacting protein 4; thyroid receptor interacting protein 4; thyroid receptor-interacting protein 4; ASC1; ASC-1;

**Gene ID** 9325

**mRNA Refseq** NM\_016213

**Protein Refseq** NP\_057297

**MIM** 604501

**UniProt ID** Q15650

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