

Recombinant Human TRIP13 protein, GST-tagged

Cat. No. TRIP13-301616H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TRIP13 protein(1-301 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-301 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	MDEAVGDLKQALPCVAESPTVHVEVHQSGSSTAKKEDINLSVRKLLNRHNIVFGDYT WTEFDEPFLTRNVQSVSIIDTELKVKDSQPIDLSACTVALHIFQLNEDGPSSSENLEEET ENIIAANHWWLPAAEFHGLWDSLVDVEVKSHLLDYVMTLLFSDKNVNSNLITWNR VLLHGPPGTGKTSLCKALAQKLTIRLSSRYRYGQLIEINSHSLFSKWFSESGKLVTK MFQKIQDLIDDKDALVFVLIDEVESLTAARNACRAGTEPSDAIRVVNAVLTQIDQIKRH SNVVILTTSNI
Purity	60%, 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

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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

TRIP13 thyroid hormone receptor interactor 13 [Homo sapiens]

Official Symbol

TRIP13

Synonyms

TRIP13; thyroid hormone receptor interactor 13; pachytene checkpoint protein 2 homolog; 16E1BP; thyroid receptor interacting protein 13; 16E1-BP; TRIP-13; TR-interacting protein 13; HPV16 E1 protein binding protein; HPV16 E1 protein-binding protein; thyroid receptor-interacting protein 13; human papillomavirus type 16 E1 protein-binding protein;

Gene ID

9319

mRNA Refseq

NM_001166260

Protein Refseq

NP_001159732

MIM

604507

UniProt ID

Q15645

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