

Product Data Sheet

Recombinant Human TRIM5 Protein

Catalog #	Source	Reactivity	Applications
CRP2455	E. coli	H	E, WB, SDS-PAGE, MS
Description	Recombinant Human TRIM5 Protein is produced by E. coli expression system and the target gene encoding Met1-Gln248 is expressed with a 6His tag at the N-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.		
Gene Symbol	TRIM5		
Alternative Names	RNF88; Tripartite motif-containing protein 5; RING finger protein 88		
Entrez Gene	85363 (Human)		
SwissProt	Q9C035 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MGSSHHHHHH SSGLVPRGSH MASGILVNVK EEVTCPICLE LLTQPLSLDC GHSFCQACLT ANHKKSM LDK GESSCPVCRI SYQPENIRPN RHVANIVEKL REVKLSPEGQ KVDHCA RHGE KLLLF CQEDG KVICWLCERS QEHRGHHTFL TEEVAREYQV KLQAALEMLR QKQQEAE ELE ADIREEKASW KTQIQYDKTN VLADFEQLRD ILDWEE SNEL QNLEKEEEDI LKSLTNSETE MVQQTQSLRE LISDLEHRLQ GSVMELLQ		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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