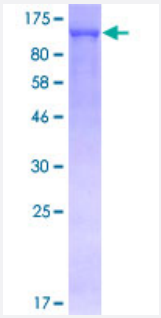
Full-Length

TRIM28 (Human) Recombinant Protein (P01)

Catalog # H00010155-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TRIM28 full-length ORF (NP_005753.1, 1 a.a. - 835 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAASAAAASAAAASAASGSPGPGEGSAGGEKRSTAPSAAASASASAAASSPAGGGAEALELL EHCGVCRERLRPEREPRLLPCLHSACSACLGPAAPAAANSSGDGGAAGDGTVVDCPVCKQQC FSKDIVENYFMRDSGSKAATDAQDANQCCTSCEDNAPATSYCVECSEPLCETCVEAHQRVKYT KDHTVRSTGPAKSRDGERTVYCNVHKHEPLVLFCESCDTLTCRDCQLNAHKDHQYQFLEDAVR NQRKLLASLVKRLGDKHATLQKSTKEVRSSIRQVSDVQKRVQVDVKMAILQIMKELNKRGRVLVN DAQKVTEGQQERLERQHWTMTKIQKHQEHILRFASWALESDNNTALLLSKKLIYFQLHRALKMIVD PVEPHGEMKFQWDLNAWTKSAEAFGKIVAERPGTNSTGPAPMAPPRAPGPLSKQGSGSSQPM EVQEGYGFGSGDDPYSSAEPHVSGVKRSRSGEGEVSGLMRKVPRVSLERLDLDLTADSQPPVF KVFPGSTTEDYNLIVIERGAAAAATGQPGTAPAGTPGAPPLAGMAIVKEEETEAAIGAPPTATEGP ETKPVLMALAEGPGAEGPRLASPSGSTSSGLEVVAPEGTSAPGGGPGTLDDSATICRVCQKPG DLVMCNQCEFCFHLDCHLPALQDVPGEEWSCSLCHVLPDLKEEDGSLSLDGADSTGVVAKLS PANQRKCERVLLALFCHEPCRPLHQLATDSTFSLDQPGGTLDLTLIRARLQEKLSPPYSSPQEFA QDVGRMFKQFNKLTEDKADVQSIIGLQRFFETRMNEAFGDTKFSAVLVEPPPMSLPGAGLSSQE LSGGPGDGP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	114.9
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TRIM28

Entrez GeneID	10155
GeneBank Accession#	NM_005762.2
Protein Accession#	NP_005753.1
Gene Name	TRIM28
Gene Alias	FLJ29029, KAP1, RNF96, TF1B, TIF1B
Gene Description	tripartite motif-containing 28
Omim ID	601742
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene mediates transcriptional control by interaction with the Kruppel-associated box repression domain found in many transcription factors. The protein localizes to th e nucleus and is thought to associate with specific chromatin regions. The protein is a member of the tripartite motif family. This tripartite motif includes three zinc-binding domains, a RING, a B-bo x type 1 and a B-box type 2, and a coiled-coil region. [provided by RefSeq
Other Designations	KRAB-associated protein 1|nuclear corepressor KAP-1|transcriptional intermediary factor 1-beta| tripartite motif-containing 28 protein

Publication Reference

- Cancer associated fibroblast derived SLIT2 drives gastric cancer cell metastasis by activating NEK9.

  Guofang Lu, Rui Du, Jiaqiang Dong, Yi Sun, Fenli Zhou, Fan Feng, Bin Feng, Ying Han, Yulong Shang.

  Cell Death & Disease 2023 Jul; 14(7):421.

  Application: KA, N/A, Recombinant proteins

- Autoantibodies to transcription intermediary factor TIF1β associated with dermatomyositis.

  Satoh M, Chan JY, Ross SJ, Li Y, Yamasaki Y, Yamada H, Vazquez-del Mercado M, Petri MH, Jara LJ, Saavedra MA, Cruz-Reyes C, Sobel ES, Reeves WH, Ceribelli A, Chan EK.

  Arthritis Research & Therapy 2012 Apr; 14(2):R79.

  Application: ELISA, Human, Human serum

- Myositis-specific anti-155/140 autoantibodies target transcriptional intermediary factor 1 family proteins.

  Fujimoto M, Hamaguchi Y, Kaji K, Matsushita T, Ichimura Y, Kodera M, Ishiguro N, Ueda-Hayakawa I, Asano Y, Ogawa F, Fujikawa K, Miyagi T, Mabuchi E, Hirose K, Akimoto N, Hatta N, Tsutsui K, Higashi A, Igarashi A, Seishima M, Hasegawa M, Takehara K.

  Arthritis and Rheumatism 2012 Feb; 64(2):513.

  Application: ELISA, WB, Human, Serum