

Transcription intermediary factor 1-alpha Recombinant Protein | TRIM24 recombinant protein

Recombinant Human Transcription intermediary factor 1-alpha

CATALOG # AAA115327	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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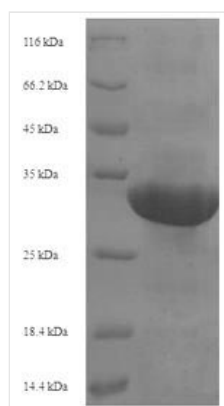
PRODUCT SYNONYMS

Transcription intermediary factor 1-alpha; Recombinant Human Transcription intermediary factor 1-alpha; E3 ubiquitin-protein ligase TRIM24; RING finger protein 82; Tripartite motif-containing protein 24; TRIM24 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	891-1012aa; Partial
Sequence	KKKTEGLVKL TPIDKRKCER LLLFLYCHEM SLAFQDPVPL TVPDYYKIIK NPMDLSTIKK RLQEDYSMYS KPEDFVADFR LIFQNCAEFN EPDSEVANAG IKLENYFEEL LKNLYPEKRF PK
Sequence Length	1016
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TRIM24 recombinant protein

Transcriptional coactivator that interacts with numerous nuclear receptors and coactivators and modulates the transcription of target genes. Interacts with chromatin depending on histone H3 modifications, having the highest affinity for histone H3 that is both unmodified at 'Lys-4' (H3K4me0) and acetylated at 'Lys-23' (H3K23ac). Has E3 protein-ubiquitin ligase activity. Promotes ubiquitination and proteasomal degradation of p53/TP53. Plays a role in the regulation of cell proliferation and apoptosis, at least in part via its effects on p53/TP53 levels. Up-regulates ligand-dependent transcription activation by AR, GCR/NR3C1, thyroid hormone receptor (TR) and ESR1. Modulates transcription activation by retinoic acid (RA) receptors, including RARA. Plays a role in regulating retinoic acid-dependent proliferation of hepatocytes.

Product Categories/Family for TRIM24 recombinant protein	Epigenetics and Nuclear Signaling
References	Differential interaction of nuclear receptors with the putative human transcriptional coactivator hTIF1.Thenot S., Henriquet C., Rochefort H., Cavailles V.J. Biol. Chem. 272:12062-12068(1997) TIF1gamma, a novel member of the transcriptional intermediary factor 1 family.Venturini L., You J., Stadler M., Galien R., Lallemand V., Koken M.H.M., Mattei M.-G., Ganser A., Chambon P., Losson R., De The H.Oncogene 18:1209-1217(1999) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004) Human chromosome 7 DNA sequence and biology.Scherer S.W., Cheung J., MacDonald J.R., Osborne L.R., Nakabayashi K., Herbrick J.-A., Carson A.R., Parker-Katirae L., Skaug J., Khaja R., Zhang J., Hudek A.K., Li M., Haddad M., Duggan G.E., Fernandez B.A., Kanematsu E., Gentles S., Christopoulos C.C., Choufani S., Kwasnicka D., Zheng X.H., Lai Z., Nusskern D.R., Zhang Q., Gu Z., Lu F., Zeesman S., Nowaczyk M.J., Teshima I., Chitayat D., Shuman C., Weksberg R., Zackai E.H., Grebe T.A., Cox S.R., Kirkpatrick S.J., Rahman N., Friedman J.M., Heng H.H.Q., Pelicci P.G., Lo-Coco F., Belloni E., Shaffer L.G., Pober B., Morton C.C., Gusella J.F., Bruns G.A.P., Korf B.R., Quade B.J., Ligon A.H., Ferguson H., Higgins A.W., Leach N.T., Herrick S.R., Lemyre E., Farra C.G., Kim H.-G., Summers A.M., Gripp K.W., Roberts W., Szatmari P., Winsor E.J.T., Grzeschik K.-H., Teebi A., Minassian B.A., Kere J., Armengol L., Pujana M.A., Estivill X., Wilson M.D., Koop B.F., Tosi S., Moore G.E., Boright A.P., Zlotorynski E., Kerem B., Kroisel P.M., Petek E., Oscier D.G., Mould S.J., Doehner H., Doehner K., Rommens J.M., Vincent J.B., Venter J.C., Li P.W., Mural R.J., Adams M.D., Tsui L.-C.Science 300:767-772(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47419909
NCBI GeneID	8805
NCBI Accession #	NP_003843.3
NCBI GenBank Nucleotide #	NM_003852.3
UniProt Accession #	O15164; O95854; A4D1R7; A4D1R8
Molecular Weight	16.5 kDa
NCBI Official Full Name	transcription intermediary factor 1-alpha isoform b
NCBI Official Synonym Full Names	tripartite motif containing 24
NCBI Official Symbol	TRIM24
NCBI Official Synonym Symbols	PTC6; TF1A; TIF1; RNF82; TIF1A; hTIF1; TIF1ALPHA
NCBI Protein Information	transcription intermediary factor 1-alpha
UniProt Protein Name	Transcription intermediary factor 1-alpha
UniProt Gene Name	TRIM24
UniProt Synonym Gene Names	RNF82; TIF1; TIF1A; TIF1-alpha

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/trim24-recombinant-protein-e-coli/115327>