Transcriptional enhancer factor TEF-5 Recombinant Protein | TEAD3 recombinant protein

Recombinant Human Transcriptional enhancer factor TEF-5

CATALOG #	HOST
AAA117416	**E Coli or Yeast or Baculovirus or Mammalian Cell**

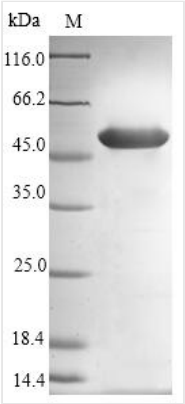
PRODUCT SYNONYMS

Transcriptional enhancer factor TEF-5; Recombinant Human Transcriptional enhancer factor TEF-5; DTEF-1; TEA domain family member 3; TEAD-3; TEAD3 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	112-435aa; Partial
Sequence	MNLDQVSKDK ALQSMASMSS AQIVSASVLQ NKFSPPSPLP QAVFSTSSRF WSSPPLLGQQ PGPSQDIKPF AQPAYPIQPP LPPTLSSYEP LAPLPSAAAS VPVWQDRTIA SSRLRLLEYS AFMEVQRDPD TYSKHLFVHI GQTNPAFSDP PLEAVDVRQI YDKFPEKKGG LKELYEKGPP NAFFLVKFWA DLNSTIQEGP GAFYGVSSQY SSADSMTISV STKVCSFGKQ VVEKVETEYA RLENGRFVYR IHRSPMCEYM INFIHKLKHL PEKYMMNSVL ENFTILQVVT SRDSQETLLV IAFVFEVSTS EHGAQHHVYK LVKD
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **or email to** for more details.
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 TEAD3 recombinant protein	Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, in complex with its regulatory protein SAV1, phosphorylates and activates LATS1/2 in complex with its regulatory protein MOB1, which in turn phosphorylates and inactivates YAP1 oncoprotein and WWTR1/TAZ. Acts by mediating gene expression of YAP1 and WWTR1/TAZ, thereby regulating cell proliferation, migration and epithelial mesenchymal transition (T) induction. Binds to multiple functional elements of the human chorionic somatomammotropin-B gene enhancer.
Product Categories/Family for TEAD3 recombinant protein	Transcription
References	Human TEF-5 is preferentially expressed in placenta and binds to multiple functional elements of the human chorionic somatomammotropin-B gene enhancer.Jacquemin P., Martial J.A., Davidson I.J. Biol. Chem. 272:12928-12937(1997) The DNA sequence and analysis of human chromosome 6.Mungall A.J., Palmer S.A., Sims S.K., Edwards C.A., Ashurst J.L., Wilming L., Jones M.C., Horton R., Hunt S.E., Scott C.E., Gilbert J.G.R., Clamp M.E., Bethel G., Milne S., Ainscough R., Almeida J.P., Ambrose K.D., Andrews T.D., Ashwell R.I.S., Babbage A.K., Bagguley C.L., Bailey J., Banerjee R., Barker D.J., Barlow K.F., Bates K., Beare D.M., Beasley H., Beasley O., Bird C.P., Blakey S.E., Bray-Allen S., Brook J., Brown A.J., Brown J.Y., Burford D.C., Burrill W., Burton J., Carder C., Carter N.P., Chapman J.C., Clark S.Y., Clark G., Clee C.M., Clegg S., Cobley V., Collier R.E., Collins J.E., Colman L.K., Corby N.R., Coville G.J., Culley K.M., Dhami P., Davies J., Dunn M., Earthrowl M.E., Ellington A.E., Evans K.A., Faulkner L., Francis M.D., Frankish A., Frankland J., French L., Garner P., Garnett J., Ghori M.J., Gilby L.M., Gillson C.J., Glithero R.J., Grafham D.V., Grant M., Gribble S., Griffiths C., Griffiths M.N.D., Hall R., Halls K.S., Hammond S., Harley J.L., Hart E.A., Heath P.D., Heathcott R., Holmes S.J., Howden P.J., Howe K.L., Howell G.R., Huckle E., Humphray S.J., Humphries M.D., Hunt A.R., Johnson C.M., Joy A.A., Kay M., Keenan S.J., Kimberley A.M., King A., Laird G.K., Langford C., Lawlor S., Leongamornlert D.A., Leversha M., Lloyd C.R., Lloyd D.M., Loveland J.E., Lovell J., Martin S., Mashreghi-Mohammadi M., Maslen G.L., Matthews L., McCann O.T., McLaren S.J., McLay K., McMurray A., Moore M.J.F., Mullikin J.C., Niblett D., Nickerson T., Novik K.L., Oliver K., Overton-Larty E.K., Parker A., Patel R., Pearce A.V., Peck A.I., Phillimore B.J.C.T., Phillips S., Plumb R.W., Porter K.M., Ramsey Y., Ranby S.A., Rice C.M., Ross M.T., Searle S.M., Sehra H.K., Sheridan E., Skuce C.D., Smith S., Smith M., Spraggon L., Squares S.L., Steward C.A., Sycamore N., Tamlyn-Hall G., Tester J., Theaker A.J., Thomas D.W., Thorpe A., Tracey A., Tromans A., Tubby B., Wall M., Wallis J.M., West A.P., White S.S., Whitehead S.L., Whittaker H., Wild A., Willey D.J., Wilmer T.E., Wood J.M., Wray P.W., Wyatt J.C., Young L., Younger R.M., Bentley D.R., Coulson A., Durbin R.M., Hubbard T., Sulston J.E., Dunham I., Rogers J., Beck S.Nature 425:805-811(2003) TEAD mediates YAP-dependent gene induction and growth control.Zhao B., Ye X., Yu J., Li L., Li W., Li S., Yu J., Lin J.D., Wang C.Y., Chinnaiyan A.M., Lai Z.C., Guan K.L.Genes Dev. 22:1962-1971(2008) TEAD transcription factors mediate the function of TAZ in cell growth and epithelial-mesenchymal transition.Zhang H., Liu C.Y., Zha Z.Y., Zhao B., Yao J., Zhao S., Xiong Y., Lei Q.Y., Guan K.L.J. Biol. Chem. 284:13355-13362(2009) Quantitative phosphoproteomics reveals widespread full phosphorylation site occupancy during mitosis.Olsen J.V., Vermeulen M., Santamaria A., Kumar C., Miller M.L., Jensen L.J., Gnad F., Cox J., Jensen T.S., Nigg E.A., Brunak S., Mann M.Sci. Signal. 3:RA3-RA3(2010) System-wide temporal characterization of the proteome and phosphoproteome of human embryonic stem cell differentiation.Rigbolt K.T., Prokhorova T.A., Akimov V., Henningsen J., Johansen P.T., Kratchmarova I., Kassem M., Mann M., Olsen J.V., Blagoev B.Sci. Signal. 4:RS3-RS3(2011)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42490753
NCBI GeneID	7005
NCBI Accession #	NP_003205.2
NCBI GenBank Nucleotide #	NM_003214.3
UniProt Accession #	Q99594; O95910; Q5BJG7; Q8N6Y4
Molecular Weight	52.3 kDa
NCBI Official Full Name	transcriptional enhancer factor TEF-5
NCBI Official Synonym Full Names	TEA domain transcription factor 3
NCBI Official Symbol	TEAD3

NCBI Official Synonym Symbols	TEF5; TEAD5; TEF-5; DTEF-1; ETFR-1; TEAD-3
NCBI Protein Information	transcriptional enhancer factor TEF-5
UniProt Protein Name	Transcriptional enhancer factor TEF-5
UniProt Gene Name	**TEAD3**
UniProt Synonym Gene Names	TEAD5; TEF5; TEAD-3
UniProt Entry Name	TEAD3_HUMAN

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/tead3-recombinant-protein-e-coli/117416