

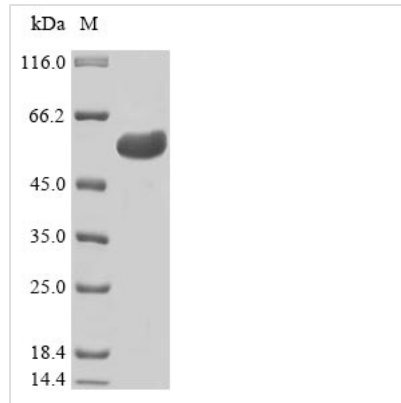


Recombinant Human Transcriptional enhancer factor TEF-1 (TEAD1)

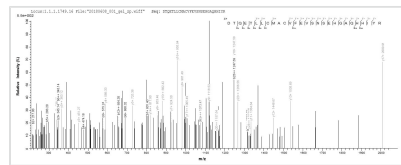
Product Code	CSB-EP023363HU
Relevance	Transcription factor which plays a key role in the Hippo signaling pathway, a pathway involved in organ size control and tumor suppression by restricting proliferation and promoting apoptosis. The core of this pathway is composed of a kinase cascade wherein MST1/MST2, 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 (EMT) induction. Binds specifically and cooperatively to the SPH and GT-IIC 'enhansons' (5'-GTGGAATGT-3') and activates transcription in vivo in a cell-specific manner. The activation function appears to be mediated by a limiting cell-specific transcriptional intermediary factor (TIF). Involved in cardiac development. Binds to the M-CAT motif.
Abbreviation	Recombinant Human TEAD1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P28347
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MEPSSWSGSESPAENMERMMSDSADKPIDNDAEGVWSPDIEQSFQEALAIYPP CGRRKIILSDEGKMYGRNELIARYIKLRTGKTRTRKQVSSHQVFLARRKSRDFH SKLKDQTAKDKALQHMAAMSSAQIVSATAIHNLGLPGIPRPTFPGAPGFWPG MIQTGQPGSSQDVKPFVQQAYPIQPAVTAPIPGFEPASAPAPSVPAAWQGRSIG TTKLRLVEFSAFLEQQRDPDSYNKHLFVHIGHANHSYSDPLLESVDIRQIYDKF PEKKGGLKELFGKGPQNAFFLVKFWADLNCNIQDDAGAFYGVTSQYESSENM TVTCSTKVCSEFGKQVVEKVETEARFENGRFVYRINRSPMCEYMINFIHKLKHL PEKYMMNSVLENFTILLVVTNRDTQETLLCMACVFEVSNSEHGAQHIIYRLVK D
Research Area	others
Source	E.coli
Target Names	TEAD1
Protein Names	NTEF-1Protein GT-IICTEA domain family member 1
Expression Region	1-426aa



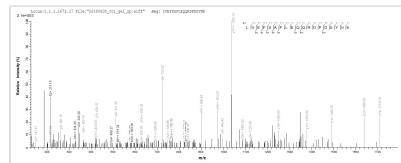
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	51.9 kDa
Protein Length	Full Length

Image


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP023363HU could indicate that this peptide derived from E.coli-expressed Homo sapiens (Human) TEAD1.



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Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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