

Recombinant Human TEAD1 Protein, His-tagged

Cat. No. TEAD1-1382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TEAD1 protein with a His-tag was expressed in E. coli
Species	Human
Source	E.coli
Description	This gene encodes a ubiquitous transcriptional enhancer factor that is a member of the TEA/ATTS domain family. This protein directs the transactivation of a wide variety of genes and, in placental cells, also acts as a transcriptional repressor. Mutations in this gene cause Sveinsson's chorioretinal atrophy. Additional transcript variants have been described but their full-length natures have not been experimentally verified.
Molecular Mass	The protein has a calculated MW of 63 kDa.
AA Sequence	MGSSHHHHHSSGLVPRGSHMASMTGGQQMGRGSEFRTMEPSSWSGSESPAEN MERMSDSADKPIDNDAEGVWSPDIEQSFQEALAIYPPCGRRKIILSDEGKMYGRNEL IARYIKLRTGKTRTRKQVSSHIQVLARRKSRDFHSLKLDQTAKDKALQHMAAMSSAQ IVSATAIHNLGLPGIPRPTFPGAPGFWPGMIQTGQPGSSQDVKPFVQQAYPIQPAV TAPIPGFEPASAPASVPAWQGRSIGTTKLRLVEFSAFLEQQRPDSYNKHLFVHIG HANHSYSDPLLESVDIRQIYDKFPEKKGGLKELFGKGPQNAFFLVKFWADLNCNIQD DAGAFYGVTSQYESSENMTVTCSTKVCSEFGKQVVEKVETERYARFENGFRFVYRINRS PMCEYMINFIHKLKHLPEKYMMNSVLENFTILLVVTNRDTQETLLCMACVFEVSNSEH GAQHIIYRLVKD
Endotoxin	<1

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	EU/μg
Purity	>90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from 25mM Tris pH7.0, 150mM NaCl, 1mM EDTA, 0.1%SKL, 5% trehalose, 5% manitol

GENE INFORMATION

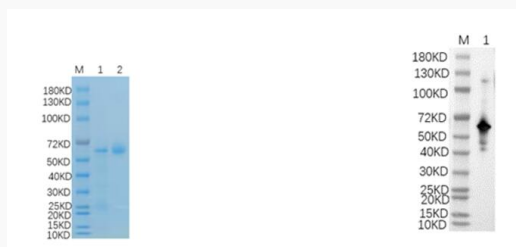
Gene Name	TEAD1 TEA domain family member 1 (SV40 transcriptional enhancer factor) [Homo sapiens (human)]
Official Symbol	TEAD1
Synonyms	TEAD1; TEA domain family member 1 (SV40 transcriptional enhancer factor); AA, atrophla areata, peripapillary chorioretinal degeneration , TCF13; transcriptional enhancer factor TEF-1; TEF 1; protein GT-IIC; transcription factor 13; transcriptional enhancer factor 1; AA; REF1; TCF13; TEF-1; NTEF-1; TCF-13; TEAD-1; FLJ17970;
Gene ID	7003
mRNA Refseq	NM_021961
Protein Refseq	NP_068780
MIM	189967
UniProt ID	P28347

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SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified TEAD1

1. TEAD1
2. BSA