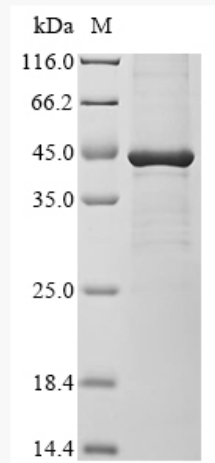


for research use only
Datasheet

Product Name	Recombinant Human Transcriptional enhancer factor TEF-3(TEAD4),partial
Catalog Number	AAA18788
Expression host	<i>E.coli</i>
Product Info	N-terminal 6xHis-tagged
Storage Buffer	0.2 µm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
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.
AA sequence	MYGRNELIARYIKLRTGKTRTRKQVSSHIQVLARRKAREIQAKLKDQAAKDK ALQSMAAMSSAQIISATAFHSSMALARGPGRPAVSGFWQGALPGQAGTSHDV KPFSQQTYAVQPPLPLPGFESPAGPAPSPSAPPAPPWQGRSVASSKLWMLEFS AFLEQQQDPDTYNKHLFVHIGQSSPSYSDPYLEAVDIRQIYDKFPEKKGGLKD LFERGPSNAFFLVKFWADLNTNIEDEGSSFYGVSSQYESPENMIITCSTKVCSE GKQVVEKVETERYARYENGHYSYRIHRSPLCEYMINFIHKLKHLPEKYMMNSV LENFTILQVVTNRDTQETLLCIAYVFEVSASEHGAQHIIYRLVKE
References	"Cloning of human RTEF-1, a transcriptional enhancer factor-1-related gene preferentially expressed in skeletal muscle: evidence for an ancient multigene family." Stewart A.F.R., Richard C.W. III, Suzow J., Stephan D., Weremowicz S., Morton C.C., Adra C.N. Genomics 37:68-76(1996)

Certificate of Analysis

Product Name	Recombinant Human Transcriptional enhancer factor TEF-3(TEAD4),partial	
Catalog Number	AAA18788	
Expression host	<i>E.coli</i>	
Product Info	N-terminal 6xHis-tagged	
Buffer	0.2 µm sterile filtered 10 mM Tris-HCl, 1 mM EDTA, pH 8.0, 50% glycerol	
Batch Number	YD04482b1g5	
Nature	Human TEAD4-(AA74-434)- Q15561 -Partial Protein	
Purification	Affinity purified using IMAC	
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt
	Long term	-20 to -80 °C, six months from the date of receipt
Form	Liquid	
Date of detection	2021.03.03	
Test Items	Specifications	Results
Appearance	Clear Solution	pass
Concentration	0.1-5 mg/ml, by the Bradford Method.	0.3 mg/ml
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.	90%
Molecular Weight	Predicted band size: 44.7kDa	Observed band size: 45 kDa



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Electrophoretic parameters	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	
Aseptic Processing	0.2 µm sterile filtered	
Endotoxin Level	<1.0 EU per 1µg of the protein by the LAL method.	pass
Activity	Not tested	
Conclusion	pass	