

Product datasheet

Recombinant Human TBX5 protein ab132188

1 Image

Description

Product name	Recombinant Human TBX5 protein
Expression system	Wheat germ
Accession	<u>Q99593</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence	MADADEGFGLAHTPLEPDAKDLPCDSKPESALGAPSKS PSSPQAAFTQQG MEGIKVFLLHERELWLKFHEVGTMIITKAGRRMFPSYKVKV TGLNPKTKY ILLMDIVPADDHRYKFADNKWSVTGKAEPAMPGRLYVHP DSPATGAHWMR QLVSFQKLKLTNNHLDPFGHILNSMHKYQPRLHIVKADEN NGFGSKNTA FCTHVFPETAFIAVTSYQNHKITQLKIENNPFAKGFRGSDD MELHRMSRM QSKEYPVVPRSTVRQKVASNHSPFSSESRALSTSSNLGS QYQCENGVS GP SQDLLPPPNPYPLPQEHSQIYHCTKRKEEECSTTDHPYKK PYMETSPSEE DSFYRSSYPQQQGLGASYRTESAQRQACMYASSAPPSE PVPSLEDISCNT WPSMPSYSSCTVTTVQPMDRLPYQHFAHFTSGPLVPRL AGMANHGSPQL GEGMFQHQTVAHQPVVRQCQPQTGLQSPGTLQPPEFL YSHGVPRTLSPH QYHSVHGVGMVPEWSDNS
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Predicted molecular weight	84 kDa including tags
Amino acids	1 to 518

Specifications

Our **Abpromise guarantee** covers the use of **ab132188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA Western blot SDS-PAGE
Form	Liquid

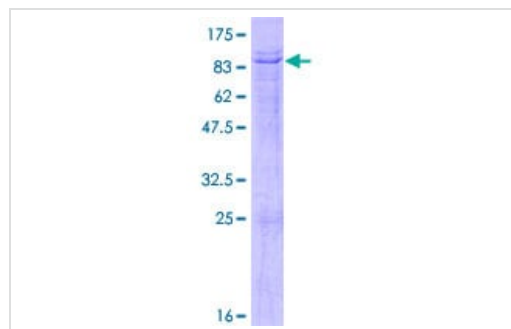
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

Function	Involved in the transcriptional regulation of genes required for mesoderm differentiation. Probably plays a role in limb pattern formation.
Involvement in disease	Defects in TBX5 are the cause of Holt-Oram syndrome (HOS) [MIM:142900]. HOS is a developmental disorder affecting the heart and upper limbs. It is characterized by thumb anomaly and atrial septal defects.
Sequence similarities	Contains 1 T-box DNA-binding domain.
Cellular localization	Nucleus.

Images



12.5% SDS-PAGE analysis of ab132188 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human TBX5 protein (ab132188)

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