

T-box transcription factor TBX5 (TBX5) Recombinant Protein | TBX5 recombinant protein

Recombinant Human T-box transcription factor TBX5 (TBX5)

CATALOG #
AAA117094

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

T-box transcription factor TBX5 (TBX5); Recombinant Human T-box transcription factor TBX5 (TBX5); TBX5 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	1-518aa; Full Length
Sequence	MADADEGFGL AHTPLEPDAK DLPCDSKPES ALGAPSKSPS SPQAAFTQQG MEGIKVFLHE RELWLKFHEV GTEMIITKAG RRMFPSYKVK VTGLNPKTKY ILLMDIVPAD DHRYKFADNK WSVTGKAEP MPGRLYVHPD SPATGAHWMR QLVSFQKLKL TNNHLDPPFGH IILNSMHKYQ PRLHIVKADE NNGFGSKNTA FCTHVPETA FIAVTSYQNH KITQLKIENN PFAKGFRGSD DMELHRMSRM QSKEYPVVPR STVRQKVASN HSPFSSSRA LSTSSNLGSQ YQCENGVS GP SQDLLPPNP YPLPQEHSQI YHCTKRKEEE CSTTDHPYKK PYMETSPSEE DSFYRSSYPQ QQGLGASYRT ESAQRQACMY ASSAPPSEPV PSLEDISCNT WPSMPSYSSC TVTTVQPMDR LPYQHFAHF TSGPLVPRLA GMANHGSPQL GEGMFQHQTS VAHQPVVRQC GPQTGLQSPG TLQPPEFLYS HGVPRTLSPH QYHSVHGVGM VPEWSDNS
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for TBX5 recombinant protein	This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18201892
NCBI GeneID	6910
NCBI Accession #	NP_000183.2
NCBI GenBank Nucleotide #	NM_000192.3
UniProt Accession #	Q99593; O15301; Q96TB0; Q9Y4I2; A6ND77
Molecular Weight	52,659 Da
NCBI Official Full Name	T-box transcription factor TBX5 isoform 1

NCBI Official Synonym Full Names	T-box 5
NCBI Official Symbol	TBX5
NCBI Official Synonym Symbols	HOS
NCBI Protein Information	T-box transcription factor TBX5
UniProt Protein Name	T-box transcription factor TBX5
UniProt Gene Name	TBX5
UniProt Synonym Gene Names	T-box protein 5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/tbx5-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117094>