

# Recombinant Human TBX15 Protein (1-494 aa), His-SUMO-tagged

**Cat. No.** TBX15-1081H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human TBX15 Protein (1-494 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length of Isoform 2.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-494 aa
<b>Description</b>	Probable transcriptional regulator involved in the development of the skeleton of the limb, vertebral column and head. Acts by controlling the number of mesenchymal precursor cells and chondrocytes.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	70.4 kDa
<b>AA Sequence</b>	MSSMEEIQVELQCADLWKRFDIGTEMIITKAGRRMFPAMRVKITGLDPHQYYIAM DIVPVDNKRYRYVYHSSKWMVAGNADSPVPPRVYIHPDSLASGDTWMRQVVSFDK LKLTTNELDDQGHILHSMHKYQPRVHVIRKDFSSDLSPKPVVGDGVKTFNFPET VFTTVTAYQNNQITRLKIDRNPFKGFDRDSGRNRTGLEAIMETYAFWRPPVRTLTFE DFTTMQKQQGGSTGTSPTTSSTGTPSPSASSHLLSPSCSPPTFHLAPNTFNVGCRE

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SQLCNLNLSDYPPCARSNMAALQSYPLSDSGYNRLQSGTTSATQPSETFMPQRT  
 PSLISGIPTPPSLPGNSKMEAYGGQLGSFPTSQFQYVMQAGNAASSSSSPHMFSS  
 HMQQSSYNAFSLHNPYNLYGYNFPTSPRLAASPEKLSASQSTLLCSPSPNGAFGER  
 QYLPSGMEHSMHMISPSPNQQATNTCDGRQYGAVPGSSSQMSVH

**Purity** > 90% as determined by SDS-PAGE.

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

**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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with concentration instruction is sent along with the products.

## GENE INFORMATION

**Gene Name** [TBX15 T-box 15 \[ Homo sapiens \]](#)

**Official Symbol** [TBX15](#)

**Synonyms** TBX15; T-box 15; T box 14 , TBX14; T-box 14; TBX14;

**Gene ID** [6913](#)

**mRNA Refseq** [NM\\_152380](#)

**Protein Refseq** [NP\\_689593](#)

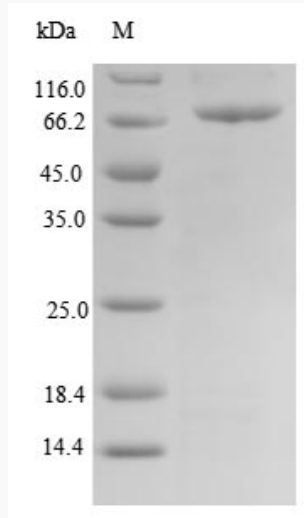
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MIM 604127

UniProt ID Q96SF7



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

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