

# Recombinant Full Length Human TSPAN7 Protein

**Cat. No.** TSPAN7-571HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human TSPAN7 was expressed in Wheat Germ.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	249 amino acids
<b>Description</b>	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein and may have a role in the control of neurite outgrowth. It is known to complex with integrins. This gene is associated with X-linked mental retardation and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy.
<b>Form</b>	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Molecular Mass</b>	27.6 kDa
<b>AA Sequence</b>	MASRRMETKP VITCLKLLI IYSFVFWITG VILLAVGVWG KLTLGTYISL IAENSTNAPY VLIGTGTTIV VFGLFGCFAT CRGSPWMLKL YAMFLSLVFL AELVAGISGF VFRHEIKDTF LRTYTDAMQT YNGNDERSRA VDHVQRSLSC

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CGVQNYTNWS TSPYFLEHGI PPSCCMNETD CNPQDLHHLT VAATKVNQKG  
CYDLVTSFME TNMGIIAGVA FGIAFSQLIG MLLACCLSRF ITANQYEMV

**Purity** > 95 %

**Applications**

Antibody Production; Functional Study(Recommended usage only, not validated yet);  
Compound Screening(Recommended usage only, not validated yet).

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

**Gene Name** [TSPAN7 tetraspanin 7 \[ Homo sapiens \]](#)

**Official Symbol** [TSPAN7](#)

**Synonyms**

TSPAN7; tetraspanin 7; mental retardation, X linked 58 , MRX58, MXS1, TM4SF2, transmembrane 4 superfamily member 2; tetraspanin-7; A15; CD231; DXS1692E; TALLA 1; tspan-7; CD231 antigen; tetraspanin protein; transmembrane protein A15; cell surface glycoprotein A15; transmembrane 4 superfamily 2b; transmembrane 4 superfamily member 2; membrane component chromosome X surface marker 1; membrane component, X chromosome, surface marker 1; T-cell acute lymphoblastic leukemia associated antigen 1; T-cell acute lymphoblastic leukemia-associated antigen 1; MXS1; MRX58; CCG-B7; TM4SF2; TALLA-1; TM4SF2b

**Gene ID** [7102](#)

**mRNA Refseq** [NM\\_004615](#)

**Protein Refseq** [NP\\_004606](#)

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**MIM** 300096

**UniProt ID** P41732

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