

Recombinant Full Length Human TSPAN7 Protein

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

SPECIFICATION

Product Overview	Recombinant full length Human TSPAN7 was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	249 amino acids
Description	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.
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	27.6 kDa
AA Sequence	MASRRMETKP VITCLKTLLI IYSFVFWITG VILLAVGVWG KLTLGTYISL IAENSTNAPY VLIGHTGTTIV VFGLFGCFAT CRGSPWMLKL YAMFLSLVFL AELVAGISGF VFRHEIKDTF LRTYTDAMQT YNGNDERSRA VDHVQRSLSC

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CGVQNYTNWS TSPYFLEHGI PPSCCMNETD CNPQDLHNLT 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
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UniProt ID	P41732
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