

Recombinant human TSPAN7 protein, His-tagged

Cat. No. TSPAN7-103H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSPAN7 Protein (113-213aa), His-tagged, was expressed in Baculovirus
Species	Human
Source	Insect Cells
ProteinLength	110aa
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 cognitive disability and neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy.
Molecular Mass	12.6 kDa
Endotoxin	< 1 EU per 1ug of protein (determined by LAL method)
Purity	> 90% by SDS-PAGE

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Applications	SDS-PAGE
Storage	Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by absorbance at 280nm)
Storage Buffer	Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

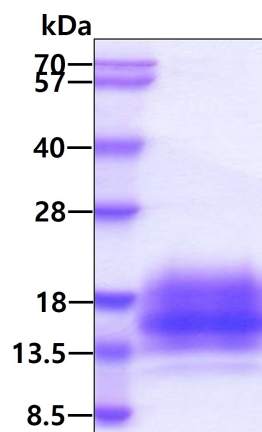
GENE INFORMATION

Gene Name	TSPAN7 tetraspanin 7 [Homo sapiens (human)]
Official Symbol	TSPAN7
Synonyms	Tetraspanin-7, TSPAN7, A15, CCG-B7, CD231, DXS1692E, MRX58, MXS1, TALLA-1, TM4SF2, TM4SF2b
Gene ID	7102
mRNA Refseq	NM_004615.4
Protein Refseq	NP_004606
MIM	300096
UniProt ID	P41732

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SDS-PAGE

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

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