

Recombinant Human TSPAN7 Protein, DDK-tagged

Cat. No. TSPAN7-605H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human TSPAN7(Arg113-Met213) fused with DDK tag at C-terminal was expressed in HEK293 cells.

Species Human

Source HEK293

ProteinLength 113-213 a.a.

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 PBS, pH7.4, 10% glycerol

Molecular Mass 13.1 kDa

Purity > 90% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

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

MIM 300096

UniProt ID P41732

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