9051 Mira Mesa Blvd, #910094
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TSPAN7 Human

Tetraspanin 7 Human Recombinant
RCP2462

Product Overview

Name	TSPAN7 Human

Description

Tetraspanin 7 Human Recombinant

Accession (Primary)	P41732

Synonyms

Tspan-7, Cell surface glycoprotein A15, Membrane component chromosome X surface marker 1, T-cell acute lymphoblastic leukemia-associated antigen 1, TALLA-1, Transmembrane 4 superfamily member 2, CD231, A15, DXS1692E, MXS1, TM4SF2.

Introduction

Tetraspanin 7, also known as TSPAN7, is part of the transmembrane 4 superfamily, which is also familiar as the tetraspanin family. Most of these proteins mediate signal transduction events which play a role in the regulation of cell development, activation, growth as well as motility. Furthermore, TSPAN7 is associated with X-linked mental retardation in addition to neuropsychiatric diseases such as Huntington's chorea, fragile X syndrome and myotonic dystrophy. Lately, TSPAN7 has been acknowledged as a key immune system target in type 1 diabetes.

Source

Sf9, Insect cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

TSPAN7 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP RHEIKDT FLRTYTDAMQ TYNGNDERSR AVDHVQRSLS CCGVQNYTNW STSPYFLEHG IPPSCCMNET DCNPQDLHNL TVAATKVNQK GCYDLVTSFM ETNM HHHHHH .

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Precautions

TSPAN7 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P41732)