

Recombinant Human TSPAN3 protein, His & S-tagged

Cat. No. TSPAN3-8088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSPAN3 aa. (Tyr107~Ile213 (Accession # O60637)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Tyr107~Ile213
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. The use of alternate polyadenylation sites has been found for this gene. Multiple alternative transcripts encoding different isoforms have been described.
Form	Freeze-dried powder
Molecular Mass	18 kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	TSPAN3 tetraspanin 3 [Homo sapiens (human)]
Official Symbol	TSPAN3
Synonyms	TM4-A; TM4SF8; TSPAN-3; tetraspan 3; tetraspan TM4SF; tetraspanin TM4-A; transmembrane 4 superfamily member 8; tetraspanin-3
Gene ID	10099
mRNA Refseq	NM_001168412.1

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Protein Refseq	NP_001161884.1
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UniProt ID	O60637
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