

Recombinant Human TSPAN9 Protein, His-tagged

Cat. No. TSPAN9-504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSPAN9 Protein (Try107-Ala239) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Try107-Ala239
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. Alternatively spliced transcripts encoding the same protein have been identified.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.2 kDa Accurate Molecular Mass: 18 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	TSPAN9 tetraspanin 9 [Homo sapiens (human)]
Official Symbol	TSPAN9
Synonyms	TSPAN9; tetraspanin 9; NET5; NET-5; PP1057; tetraspanin-9; new EST tetraspan 5; tetraspan NET-5; transmembrane 4 superfamily member tetraspan NET-5; tspan-9
Gene ID	10867
mRNA Refseq	NM_006675
Protein Refseq	NP_006666
MIM	613137
UniProt ID	O75954

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