

Tetraspanin-8 (TSPAN8)-VLPs Recombinant Protein | TSPAN8-VLPs recombinant protein

Recombinant Human Tetraspanin-8 (TSPAN8)-VLPs (Active)

CATALOG #
AAA279398

HOST
Mammalian cell

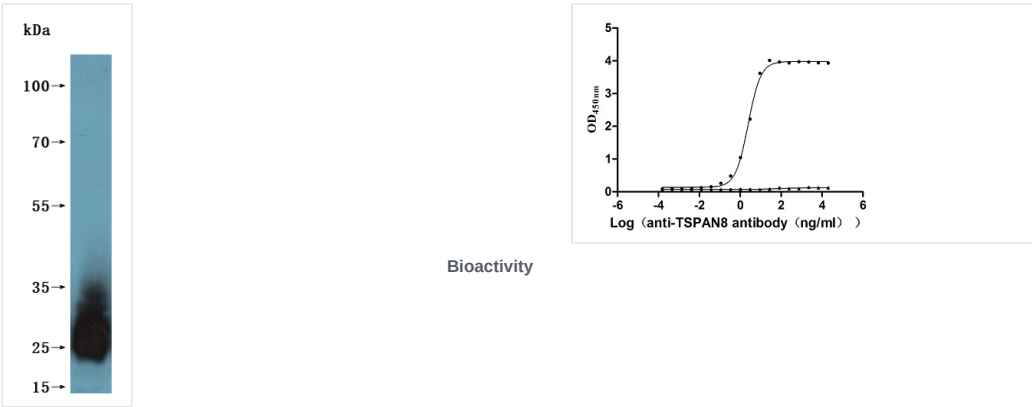
PRODUCT SYNONYMS

Tetraspanin-8 (TSPAN8)-VLPs; Recombinant Human Tetraspanin-8 (TSPAN8)-VLPs (Active); Transmembrane 4 superfamily member 3; Tumor-associated antigen CO-029; TSPAN8-VLPs recombinant protein

PRODUCT SPECIFICATIONS

Host	Mammalian cell
Purity/Purification	The purity information is not available for VLPs proteins.
Form/Format	Lyophilized powder. Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence Positions	1-237aa; Full Length
Sequence	MAGVSACIKY SMFTFNFLFW LCGILILALA IWVRVSNDQ AIFGSEDVGS SSVYAVDILI AVGAIIIMILG FLGCCGAIKE SRCMLLLFFI GLLILLQV ATGILGAVFK SKSDRIVNET LYENTKLLSA TGESEKQFQE AIIVFQEEFK CCGLVNGAAD WGNNFQHYPE LCACLDKQRP CQSYNGKQVY KETCISFIKD FLAKNLIIVI GISFGLAVIE ILGLVFSMVL YCQIGNK
Species	Homo sapiens (Human)
Tag	C-terminal 10xHis-tagged (This tag can be tested only under denaturing conditions)
Transmembrane Domain	4TM
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80 degree C. Solubilize for 60 minutes at room temperature with occasional gentle mixing. Avoid vigorous shaking or vortexing.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human TSPAN8 at 5ug/mL can bind Anti-TSPAN8 recombinant antibody . The EC50 is 2.261-2.623ng/mL. The VLPs is negative control.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: The VLPs are expressed from human 293 cells (HEK293). Mix the sample gently by repeatedly pipetting it up and down. Do not vortex. Repeated freezing and thawing is not recommended. Store the protein at -20 degree C/-80 degree C upon receiving it, and ensure to avoid repeated freezing and thawing, otherwise, it will affect the protein activity. The immunization strategy should be optimized (antigen dose, regimen and adjuvant).

IMAGES



Application Data
Detected by Mouse anti-6*His monoclonal antibody.(This tag can be tested only under denaturing conditions.

ADDITIONAL INFORMATION

Related Product Information for TSPAN8-VLPs recombinant protein	Structural component of specialized membrane microdomains known as tetraspanin-enriched microdomains (TERMs), which act as platforms for receptor clustering and signaling.
Product Categories/Family for TSPAN8-VLPs recombinant protein	Cancer
References	Silencing of long non-coding RNA SOX21-AS1 inhibits lung adenocarcinoma invasion and migration by impairing TSPAN8 via transcription factor GATA6.Xu Y., Wu H., Wu L., Xu L., Li J., Wang Q., Pu X.Int J Biol Macromol 164:1294-1303 (2020)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4759238
NCBI GeneID	7103
NCBI Accession #	NP_004607.1
NCBI GenBank Nucleotide #	NM_004616.2
UniProt Accession #	P19075; Q9BS78; B2R7T7
Molecular Weight	26,044 Da
NCBI Official Full Name	tetraspanin-8
NCBI Official Synonym Full Names	tetraspanin 8
NCBI Official Symbol	TSPAN8
NCBI Official Synonym Symbols	CO-029; TM4SF3
NCBI Protein Information	tetraspanin-8; tspan-8; tumor-associated antigen CO-029; transmembrane 4 superfamily member 3
UniProt Protein Name	Tetraspanin-8
UniProt Gene Name	TSPAN8
UniProt Synonym Gene Names	TM4SF3; Tspan-8
UniProt Entry Name	TSN8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

