

Datasheet for ABIN7198214

Tspan-8 Protein (His tag)



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Overview

Quantity:	50 µg
Target:	Tspan-8 (TSPAN8)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tspan-8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human TSPAN8/Tetraspanin 8 Protein (His Tag)
Sequence:	Lys110-Asn205
Characteristics:	A DNA sequence encoding the human TSPAN8 (P19075) (Lys110-Asn205) was expressed with an N-terminal polyhistidine tag.
Purity:	(87.8+10.7) % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	Tspan-8 (TSPAN8)
Alternative Name:	TSPAN8/Tetraspanin 8 (TSPAN8 Products)
Background:	Background: Tetraspanin 8 (TSPAN8) as an important modulator of melanoma invasiveness, and several of its transcriptional regulators, which affect TSPAN8 expression during melanoma progression toward an invasive stage. p53 as a negative regulator of Tspan8 expression. p53

Target Details

as a regulator of melanoma invasion and the concept that reactivating p53 could provide a strategy for modulating not only proliferative but also invasive capacity in melanoma treatment. Tetraspanin 8 (TSPAN8) is a tumor-associated antigen implicated in tumor progression and metastasis. TSPAN8 may play an important role in mCRC cell invasion. TSPAN8 was overexpressed in human gastric cancer tissues and gastric cancer cell lines compared with the normal. TSPAN8 overexpression promoted cell proliferation and invasion, while TSPAN8 suppression inhibited cell proliferation and invasion. TSPAN8 could activate the ERK MAPK pathway in gastric cancer cells, and MEK-ERK inhibition reversed the effects of TSPAN8 overexpression on cell proliferation and invasion.

Synonym: CO-029,TM4SF3

Molecular Weight: 13.4 kDa

UniProt: [P19075](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.