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Datasheet for ABIN7317005 Tspan-8 Protein (His tag)

Overview

Quantity:	100 µg
Target:	Tspan-8 (TSPAN8)
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Tspan-8 protein is labelled with His tag.

Product Details

Purpose:	Cynomolgus TSPAN8 Protein, His Tag
Sequence:	Lys 110 - Ser 205
Characteristics:	Cynomolgus TSPAN8, His Tag is expressed from human 293 cells (HEK293). It contains AA Lys 110 - Ser 205 (Accession # G7PI18-1).
Purity:	90,00 %
Endotoxin Level:	1.0 EU per µg

Target Details

Target:	Tspan-8 (TSPAN8)
Alternative Name:	TSPAN8 (TSPAN8 Products)
Background:	Synonyms:CO-029,tetraspanin 8,TM4SF3,TM4SF3tspan-8,Transmembrane 4 superfamily member 3tetraspanin-8,TSPAN8,Tspan-8,Tumor-associated antigen CO-029,Description:Tspan8 is 1 of the 33 mammalian members of the tetraspanin family,

Target Details

composed of transmembrane proteins that organize laterally, together or with other membrane partners such as integrins, to form 'tetraspanin webs'. These platforms signal within cells to regulate many cellular processes: adhesion, migration, invasion or survival Tspan8 has been implicated in many types of cancer. Overexpression was reported in glioma and colorectal, esophageal, hepatic, gastric and pancreatic carcinoma. Tspan8 exerts a pro-invasive function by controlling cell-cell and cell-matrix interactions through its association with membrane partners such as $\alpha 6\beta 4$ integrin-protein kinase C (PKC)-activated, E-cadherin, EpCAM, claudin-7 and CD44. Moreover, Tspan8 may be a promising new therapeutic target, as Tspan8-specific antibodies were shown to reduce cell motility, block tumor angiogenesis in vivo.

Molecular Weight: 12.7 kDa

Application Details

Comment: This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 12.7 kDa. The protein migrates as 17-20 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C