Datasheet for ABIN7488814

Tspan-8 Protein (His tag)

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Overview

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

Product Details

Purpose:	Mouse TSPAN8 Protein, His Tag (MALS verified)
Sequence:	Gly 106 - Asn 203
Characteristics:	Mouse TSPAN8 Protein, His Tag is expressed from human 293 cells (HEK293). It contains AA Gly 106 - Asn 203 (Accession # Q8R3G9-1).
Purity:	90 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	Tspan-8 (TSPAN8)
Alternative Name:	TSPAN8 (TSPAN8 Products)
Background:	Tspan8 is 1 of the 33 mammalian members of the tetraspanin family, composed of

Target Details

	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 α6β4 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:	12.8 kDa

Application Details

Comment:	This protein carries a polyhistidine tag at the N-terminus. (10xHis) The protein has a calculated MW of 12.8 kDa. The protein migrates as 15-19 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