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Datasheet for ABIN7121300 ROBO1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	ROBO1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROBO1 protein is labelled with His tag.

Product Details

Purpose:	Human ROBO1 Protein, His Tag (MALS verified)
Sequence:	Gln 26 - Pro 897
Characteristics:	Human ROBO1, His Tag (RB1-H52H3) is expressed from human 293 cells (HEK293). It contains AA Gln 26 - Pro 897 (Accession # Q9Y6N7-1).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.
Grade:	MALS verified

Target Details

Target:	ROBO1
Alternative Name:	ROBO1 (ROBO1 Products)
Background:	Synonyms: ROBO1/DUTT1,

Target Details

Description: ROBO1 is a member of the ROBO immunoglobulin superfamily of proteins, and it plays a crucial role in cell motility and migration during embryogenesis and organogenesis. In addition, evidence showed that ROBO1 might drive migration and invasion in malignant cells, such as glioma and breast cancer, which might play a role in cancer aggressiveness. In contrast, some studies suggested that ROBO1 pathways play a key role in tumors by acting as a tumor suppressor, especially in cell invasion.

Molecular Weight: 97.5 kDa

NCBI Accession: [NP_002932](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 97.5 kDa. The protein migrates as kDa under reducing (R) condition due to glycosylation.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -20 °C

Storage Comment: -20°C