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Datasheet for ABIN7199184
ROB01 Protein (FITC,His tag)

Overview

Quantity:	200 µg
Target:	ROB01
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ROB01 protein is labelled with FITC,His tag.

Product Details

Purpose:	FITC-Labeled Human ROB01 Protein, His Tag
Sequence:	Gln 26 - Pro 897
Characteristics:	FITC-Labeled Human ROB01, His Tag 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.

Target Details

Target:	ROB01
Alternative Name:	ROB01 (ROB01 Products)
Background:	Synonyms: ROB01/DUTT1, ROB01 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,

Target Details

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

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, avoid light