



[Go to Product page](#)

Datasheet for ABIN7317310
IL17 Receptor B Protein (His tag)

Overview

Quantity:	100 µg
Target:	IL17 Receptor B (IL17RB)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL17 Receptor B protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human IL17BR/IL17RB Protein (His Tag)(Active)
Sequence:	Met 1-Gly289
Characteristics:	A DNA sequence encoding the human IL17BR (NP_061195.2) (Met1-Gly289) was expressed with a C-terminal polyhistidine tag.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized human IL17BR-His at 10 µg/ml (100 µl/well) can bind human Fc-IL25 , The EC50 of human Fc-IL25 is 0.1-0.3 µg/ml.

Target Details

Target:	IL17 Receptor B (IL17RB)
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Target Details

Alternative Name: IL17BR/IL17RB ([IL17RB Products](#))

Background: Background: MTSS1 (Metastasis suppressor 1), also known as Missing in metastasis (MIM), is a tissue-specific regulator of plasma membrane dynamics. MTSS1 is well described for its function as a metastasis suppressor gene and is expressed in a variety of tissues. MTSS1 might be involved in shaping neuronal membranes in vivo. MTSS1 deforms phosphoinositide-rich membranes through its I-BAR domain and interacts with actin monomers through its WH2 domain. MTSS1/MIM was first identified as a metastasis suppressor missing in metastatic bladder carcinoma cell lines. MTSS1 is a prognostic indicator of disease-free survival in breast cancer patients and demonstrates the ability to play a role in governing the metastatic nature of breast cancer cells. MTSS1 may serve as a useful biomarker for the prediction of outcome of gastric cancer. The down-regulation of MTSS1 that may be caused by DNA methylation was also observed in many other types of cancer. Recent work proposed that MIM also potentiates Sonic hedgehog (Shh)-induced gene expression. MTSS1 as a multiple functional molecular player and has an important role in development, carcinogenesis and metastasis.

Synonym: CRL4,EVI27,IL17BR,IL17RH1

Molecular Weight: 31.5 kDa

NCBI Accession: [NP_061195](#)

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.