

Datasheet for ABIN6388242

CLEC5A Protein (AA 28-188) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	CLEC5A
Protein Characteristics:	AA 28-188
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC5A protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	ADLPQIFNKS NDGFTTTRSY GTVSQIFGSS SPSPNGFITT RSYGTVCPKD WEFYQARCFE LSTSESSWNE SRDFCKGKGS TLAIVNTPEK LKFLQDITDA EKYFIGLIYH REEKRWRWIN NSVFNGNVTN QNQNFNCATI GLTKTFDAAS CDISYRRICE KNAKHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	CLEC5A
Alternative Name:	CLEC5A (CLEC5A Products)
Background:	CLEC5A, also known as C-type lectin domain family 5 member A isoform 1, is a member of the CTL/CTLD superfamily that have diverse functions, such as cell adhesion, cell-cell signalling,

Target Details

glycoprotein turnover, and roles in inflammation and immune response. It functions as a cell attachment receptor for all four serotypes of Dengue virus as well as Japanese encephalitis virus. The binding of dengue virus to CLEC5A triggers signaling through the phosphorylation of TYROBP, this interaction does not result in viral entry, but stimulates proinflammatory cytokine release. This protein acts as a positive regulator of osteoclastogenesis and a key regulator of synovial injury and bone erosion during autoimmune joint inflammation. Recombinant human CLEC5A protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 19.5kDa (170aa) 28-40KDa (SDS-PAGE under reducing conditions.)

NCBI Accession: [NP_037384](#)

UniProt: [Q9NY25](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20 % glycerol, 1 mM DTT.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.