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Datasheet for ABIN7505411

FLT3LG Protein (AA 27-189) (His tag)

Overview

Quantity:	100 µg
Target:	FLT3LG
Protein Characteristics:	AA 27-189
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This FLT3LG protein is labelled with His tag.

Product Details

Sequence:	Gly 27-Gln 189
Characteristics:	A DNA sequence encoding the Mouse FLT3L protein (P49772) (Gly 27-Gln 189) was expressed with a C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

Target Details

Target:	FLT3LG
Alternative Name:	FLT3L (FLT3LG Products)
Background:	Abbreviation: FLT3L Target Synonym: Flt3lg,Flt3l,FLT3L,Flt3 ligand,Flt3L Background: FLT3L, also known as flt3 ligand, is a small molecule that acts as a growth factor that increases the number of immune cells by activating the hematopoietic progenitors. In vivo,

Target Details

FLT3L also induces the mobilization of the hematopoietic progenitors and stem cells. This may help the system to kill cancer cells. Dendritic cells (DCs) provide the key link between innate and adaptive immunity by recognizing pathogens and priming pathogen-specific immune responses. FLT3L controls the development of DCs and is particularly important for plasmacytoid DCs and CD8⁺-positive classical DCs and their CD103⁺-positive tissue counterparts.

Molecular Weight: Calculated MW: 17.82 kDa
Observed MW: 18 kDa

UniProt: [P49772](#)

Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

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.

Expiry Date: 12 months