


Human FLT3L protein, His Tag

Cat #: PRP100087

Size: 10µg/50µg/1mg

Product Information

	Product Name: Human FLT3L protein, His Tag		
REF	Catalog Number: PRP100087	LOT	Lot Number: Refer to product label
	Purity: > 95 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: Baculovirus-Insect Cells
	Shipping: The product is shipped at ambient temperature.		

Background: FLT3L, also known as FLT3L, is a small molecule that acts as a growth factor that increases the number of immune cells by activating the hematopoietic progenitors. In vivo, 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.

Sequence: Amino acid sequence derived from human FLT3LG (P49771-1) (Thr27-Pro185) was expressed, with a polyhistidine tag at the N-terminus.

Protein length: The recombinant human human FLT3LG consists of 175 amino acids and predicts a molecular mass of 20.2 KDa. It migrates as an approximately 27 KDa band in SDS-PAGE under reducing conditions.

Formulation: Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4.

Storage Instructions: Lyophilized Human FLT3L protein, His Tag product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized Human FLT3L protein, His Tag in sterile ddH₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

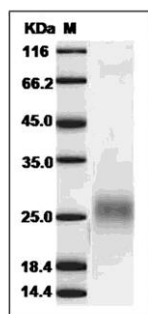


Fig. SDS-PAGE analysis of Human FLT3L protein, His Tag.

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