

**RPES8315**

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## Product Information

<b>Product SKU:</b>	RPES8315	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	human	<b>Accession:</b>	P49771

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## Additional Information

<b>Calculated MW:</b>	42.2 kDa	<b>Observed MW:</b>	50-60 kDa
<b>Sequence:</b>	Thr27-Pro184		

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## Protein Information

<b>Background:</b>	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, 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.
<b>Synonyms:</b>	FL, Flt 3 ligand, Flt 3L, Flt3 L, FLT3 LG, Flt3 ligand, Flt3L, FLT3L, Flt3lg, Fms related tyrosine kinase 3 ligand, Fms-related tyrosine kinase 3 ligand, SL cytokine
<b>Endotoxin:</b>	< 1.0 EU/mg of the protein as determined by the LAL method
<b>Formulation:</b>	Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
<b>Purity:</b>	> 90% as determined by reducing SDS-PAGE.
<b>Bio-Activity:</b>	Not validated for activity
<b>Storage:</b>	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.

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