

RPES8305

Product Information

Product SKU:	RPES8305	Expression Host:	Mammalian	Size:	20µg
Tag:	C-His	Reactivity:	Human	Accession:	P21583

Additional Information

Calculated MW:	18.0 kDa	Observed MW:	30-40 kDa
Sequence:	Glu26-Ala190		

Protein Information

Background: This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene.

Synonyms: C kit ligand, C-kit ligand, Ckit ligand, DCUA, DFNA69, DKFZp686F2250, familial progressive hyperpigmentation 2, FPH2, FPHH, KIT ligand, Kitl, KITLG, KL 1, KL1, Mast cell growth factor, MGF, MGF stem cell factor, SCF, SCF, SF, SHEP7, sKITLG, Soluble KIT ligand, Steel factor, steel, mouse, homolog of, Stem cell factor, Stem cell factor precursor

Endotoxin: < 1.0 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Storage: 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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