

RPES8149

Product Information

Product SKU:	RPES8149	Expression Host:	E.coli	Size:	20µg
Tag:	N-Trx	Reactivity:	Mouse	Accession:	O54824

Additional Information

Calculated MW:	33 kDa	Observed MW:	33 kDa
Sequence:	Ser1205-Ser1322		

Protein Information

Background: Interleukin 16, also known as lymphocyte chemoattractant factor (LCF), refers to the C-terminal peptide of Mouse pro-IL-16 or neuronal IL-16, which are nuclear and cytoplasmic PD2 domain containing proteins. The C-termini of these proteins are cleaved by Caspase-3, resulting in the release of secreted IL-16. Mature IL-16 has been shown to bind the cell surface receptor CD4 and function as an immunomodulatory cytokine. The C-terminal peptide of human and Mouse IL-16 share approximately 86% amino acid sequence identity.

Synonyms: HGNC:5980, HsT19289, IL-16, IL16, IL16, Interleukin 16 precursor, Interleukin-16, LCF, Lymphocyte chemoattractant factor, Neuronal interleukin 16, NIL16, prIL 16, PrIL16, Prointerleukin 16

Endotoxin: < 10 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.