9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-1462: IL 16 His Recombinant Protein

Alternative Name :	IL16,Interleukin-16,LCF,Lymphocyte Chemoattractant Factor,prIL-16,IL-16,FLJ16806,FLJ42735,FLJ44234,HsT19289.

Description

Source : Escherichia Coli. Interleukin-16 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain (502-631 a.a) containing 150 amino acids and having a molecular mass of 15.5kDa. The IL-16 is fused to a 20 a.a His-Tag at N-Terminus.The IL-16 is purified by proprietary chromatographic techniques. IL-16 is a pleiotropic cytokine that functions as a chemoattractant, a modulator of T cell activation, and an inhibitor of HIV replication. The signaling process of IL-16 is mediated by CD4. The product of this gene undergoes proteolytic processing, which is found to yield two functional proteins. IL-16 functions exclusively attributed to the secreted C-terminal peptide, while the N-terminal product may play a role in cell cycle control. Caspase 3 is reported to be involved in the proteolytic processing of this protein. Two transcript variants encoding different isoforms have been found for this gene.IL-16 stimulates a migratory response in cd4+ lymphocytes, monocytes, and eosinophils. Also induces t-lymphocyte expression of interleukin 2 receptor, ligand for cd4.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	IL-16 His tag protein (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM PMSF & 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MPDLNSSTDS AASASAASDV SVESTAEATV CTVTLEKMSAGLGFSLEGGK GSLHGDKPLT INRIFKGAAS EQSETVQPGD EILQLGGTAM QGLTRFEAWN IIKALPDGPV TIVIRRKSLQ SKETTAAGDS.

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