ProteoGenix
Antibodies and Proteins

ProteoGenix SAS
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Human IL33 Recombinant Protein

PX-P3027-10

DESCRIPTION

Interleukin 33 (IL33) is a protein that in humans is encoded by the IL33 gene, it is a part of the IL-1 family and the protein is involved in the maturation of T helper 2 (Th2) cells inducing the secretion of T-helper type 2-associated cytokines. It acts also as a chemo-attractant for Th2. IL33 is a ligand for ST2 an IL-1 family receptor that is highly expressed on Th2 cells, mast cells and group 2 innate lymphocytes. IL33 is expressed by a large variety of cell types as fibroblasts, dendritic cells, epithelial cells, macrophages etc. IL33 has been related with multiples disease as asthma, allergy, endometriosis and hay fever.

OVERVIEW

SIZE	10 ug
ORIGIN SPECIES	Human
FRAGMENT	
PROTEIN DELIVERED WITH TAG	Yes
MOLECULAR WEIGHT WITH TAG IF ANY	32.02 kDa
DELIVERY CONDITION	Dry Ice

PRODUCT INFORMATION

EXPRESSION SYSTEM	Prokaryotic expression
HOST	E.coli
PURITY	95%
PROTEIN ACCESSION	
FORM	Frozen
BUFFER	PBS,pH 7.5 urea +8M
STABILITY & STORAGE	4°C for short term (1 week), -20°C or -80°C for long term (avoid freezing/thawing cycles; addition of 20-40% glycerol improves cryoprotection)

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MORE INFO

GENE ID	
SWISSPROTID	
UNIPROT ID	O95760
UNIPROT LINK	http://www.uniprot.org/uniprot/O95760
NCBI GENE ALIASES	
SYNONYMS	DV27; C9ORF26; IL1F11; NFHEV; Interleukin-1 Family, Member 11; Nuclear factor from high endothelial venules; Interleukin 33; IL33

PROTEIN SEQUENCE

MAMKPKMKYSTNKISTAKWKNTASKALCFKLGKSQQKAKEVCPMYFMKLRSGLMIKKEACYFRRETTKRPSLKTGRKHKRHLVLAACQQQSTVECFAFGISGV
QKYTRALHDSSITGISPITEYLASLSTYNDQSITFALEDESYEIYVEDLKKDEKKDKVLLSYYESQHPSNESGDGVDGKMLMVTLSPTKDFWLHANNKEHSVELHK
CEKPLPDQAFFVLHNMHSNCVSFECKTDPGVFIGVKDNHLALIKVD

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