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32-1522: IL36RN Recombinant Protein

Alternative Name :	Interleukin-36 receptor antagonist protein,FIL1 delta,IL-1-related protein 3,IL-1RP3,Interleukin-1 HY1,IL-1HY1,Interleukin-1 delta,IL-1 delta,Interleukin-1 family member 5,IL-1F5,Interleukin-1 receptor antagonist homolog 1,IL-1ra homolog 1

Description

Source : Escherichia Coli. IL1F5 Human Recombinant produced in E.Coli is a single, non-glycosylated, Polypeptide chain containing 155 amino acids and having a molecular mass of 17kDa.The IL1F5 is purified by proprietary chromatographic techniques. Human interleukin family 1, member 5 (IL-1F5 / FIL1-delta) belongs to the interleukin 1 cytokine family. IL1F5 is expressed by a variety of cells including monocytes, Bcells, dendritic cells/Langerhans cells, keratinocytes,and gastric fundus Parietal and Chief cells. IL1F5 is an antagonist of IL1F9; however IL1F5 activity related to receptor binding remains unclear. Human and mouse IL1F5 share 90% amino acid sequence identity.

Product Info

Amount :	25 µg
Purification :	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	IL1F5 was lyophilized after extensive dialysis against 20mM Phosphate buffer, pH7.4.
Storage condition :	Lyophilized IL1F5 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL1F5 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.
Amino Acid :	The sequence of the first five N-terminal amino acids was determined and was found to be Met-Val-Leu-Ser-Gly.

Application Note

It is recommended to quick spin followed by reconstitution of IL1F5 in PBS to a concentration no less than 100 ÃÂµg/ml, which can then be further diluted to other aqueous solutions. As measured by its binding ability in a functional ELISA, immobilized IL1F5 at 1 ÃÂµg/ml (100 ÃÂµl/well) can bind rHuIL-1 Rrp2/Fc Chimera with a linear range of 0.15- 5 ÃÂµg/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.