

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN PILRA PROTEIN, HFC TAG

目录: 11931 产品名称: Human PILRA Protein 规格: 10 µg, 50 µg and 100 µg 基因符号: FDF03

Target: PILRA

UNIPROT ID: Q9UKJ1

描述: Recombinant Human PILRA Protein with C-terminal human Fc tag 背景: Cell signaling pathways rely on a dynamic interaction between activating and inhibiting processes. SHP-1-mediated dephosphorylation of protein tyrosine residues is central to the regulation of several cell signaling pathways. Two types of inhibitory receptor superfamily members are immunoreceptor tyrosine-based inhibitory motif (ITIM)-bearing receptors and their non-ITIM-bearing, activating counterparts. Control of cell signaling via SHP-1 is thought to occur through a balance between PILRalphamediated inhibition and PILRbeta-mediated activation. These paired immunoglobulin-like receptor genes are located in a tandem head-to-tail orientation on chromosome 7. This particular gene encodes the ITIMbearing member of the receptor pair, which functions in the inhibitory role. Alternative splicing has been observed at this locus and three variants, each encoding a distinct isoform, are described. [provided by RefSeq, Jul 2008]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 46.2 kDa after removal of the signal peptide. The apparent molecular mass of PILRA-hFc is approximately 55-70 kDa due to glycosylation.

Molecular Characterization: PILRA(GIn20-Glu195) hFc(Glu99-Ala330) 纯化:: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



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Figure 1.Human PILRA Protein, hFc Tag on SDS-PAGE under reducing condition.