Datasheet for ABIN7491469

PILRA Protein (AA 20-195) (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	PILRA
Protein Characteristics:	AA 20-195
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PILRA protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human PILRA Protein with C-terminal human Fc tag
Specificity:	PILRA (Gln20-Glu195) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PILRA
Alternative Name:	PILRA (PILRA Products)
Background:	Cell signaling pathways rely on a dynamic interaction between activating and inhibiting

Target Details

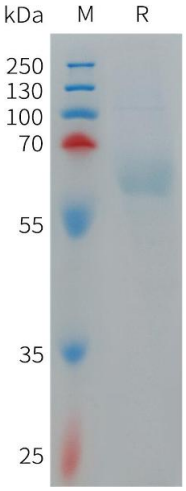
	processes. SHP-1-mediated dephosphorylation of protein tyrosine residues is central to the regulation of several cell signaling pathways. Two types of inhibitory receptor superfamily members are immunoreceptor tyrosine-based inhibitory motif (ITIM)-bearing receptors and their non-ITIM-bearing, activating counterparts. Control of cell signaling via SHP-1 is thought to occur through a balance between PILRalpha-mediated 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 ITIM-bearing 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]
Molecular Weight:	predicted molecular mass of 46.2 kDa after removal of the signal peptide. The apparent molecular mass of PILRA-hFc is 55-70 kDa due to glycosylation.
UniProt:	Q9UKJ1

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months



SDS-PAGE

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

