

Recombinant Human PIANP Protein, Fc-tagged

Cat. No. PIANP-520H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human C12orf53 (Q8IYJ0-1) (Met1-Pro178) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-178 a.a.
Predicted N Terminal	Ser 32
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant human C12orf53/Fc is a disulfide-linked homodimer. The reduced monomer comprises 388 amino acids and has a predicted molecular mass of 42.3 kDa. The apparent molecular mass of the protein is approximately 53 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>96 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [PIANP PILR alpha associated neural protein \[Homo sapiens \]](#)

Official Symbol [PIANP](#)

Synonyms PANP; LEDA1; leda-1; C12orf53; PILR-associating neural protein; liver endothelial differentiation-associated protein-1; paired immunoglobulin-like type 2 receptor-associating neural protein

Gene ID [196500](#)

mRNA Refseq [NM_001244014](#)

Protein Refseq [NP_001230943](#)

MIM [616065](#)

UniProt ID [Q8IYJ0](#)

Chromosome Location 12p13.31

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