

Recombinant Human C12orf53 protein(Met1-Pro178), hFc-tagged

Cat. No. C12orf53-1274H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human C12orf53 (Q8IYJ0-1) (Met1-Pro178) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro178
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	C12orf53 chromosome 12 open reading frame 53 [Homo sapiens]
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Official Symbol	C12orf53
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Synonyms	C12ORF53; chromosome 12 open reading frame 53; uncharacterized protein C12orf53; DKFZp547D2210; PILR-associating neural protein; PANP;
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Gene ID	196500
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mRNA Refseq	NM_001244014
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Protein Refseq	NP_001230943
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UniProt ID	Q8IYJ0
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