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## Datasheet for ABIN7317278 C12orf53 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	C12orf53
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C12orf53 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human C12orf53 Protein (Fc Tag)
Sequence:	Met 1-Pro178
Characteristics:	A DNA sequence encoding the human C12orf53 (Q8IYJ0-1) (Met1-Pro178) was expressed, fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 96 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	C12orf53
Alternative Name:	C12orf53 ( <a href="#">C12orf53 Products</a> )
Background:	Background: C12orf53 is mainly expressed in adult brain and cerebellum. It also can be detected in fetal brain and virtually no expression in spleen, heart, kidney, liver and dorsal ganglion relative to brain. C12orf53 acts as a ligand for PILRA in neural tissues, where it may be

## Target Details

involved in immune regulation. Chromosome 12 encodes over 1,100 genes within 132 million bases. A number of skeletal deformities are linked to chromosome 12 including hypochondrogenesis, achondrogenesis and Kniest dysplasia. Noonan syndrome, which includes heart and facial developmental defects among the primary symptoms, is caused by a mutant form of PTPN11 gene product, SH-PTP2. Chromosome 12 is also home to a homeobox gene cluster which encodes crucial transcription factors for morphogenesis, and the natural killer complex gene cluster encoding C-type lectin proteins which mediate the NK cell response to MHC class I interaction.

Synonym: C12orf53,leda-1,LEDA1,PANP,UNQ828/PRO1755

Molecular Weight:	42.3 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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