

Datasheet for ABIN7560599
IER3IP1 Protein (AA 1-82) (Fc Tag)



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Overview

Quantity:	1 mg
Target:	IER3IP1
Protein Characteristics:	AA 1-82
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IER3IP1 protein is labelled with Fc Tag.

Product Details

Purpose:	Custom-made recombinant Ier3ip1 Protein expressed in mammalian cells.
Sequence:	MAFTLYSLMQ AALLCVNAIA VLHEERFLKN IGWGTDQGIG GFGEEPGIKS QLMNLIRSVR TVMRPLIIV NSITIVLLLL FG Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis).

Product Details

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	IER3IP1
Alternative Name:	ler3ip1 (IER3IP1 Products)
Background:	Immediate early response 3-interacting protein 1,FUNCTION: Regulator of endoplasmic reticulum secretion that acts as a key determinant of brain size. Required for secretion of extracellular matrix proteins. Required for correct brain development by depositing sufficient extracellular matrix proteins for tissue integrity and the proliferation of neural progenitors (By similarity). Acts as a regulator of the unfolded protein response (UPR) (PubMed:28915629). {ECO:0000250 UniProtKB:Q9Y5U9, ECO:0000269 PubMed:28915629}.
Molecular Weight:	9.0 kDa
UniProt:	Q9CR20

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.

Handling

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months