

Datasheet for ABIN7547568
FGF12 Protein (AA 1-243) (His tag)



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Overview

Quantity:	1 mg
Target:	FGF12
Protein Characteristics:	AA 1-243
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FGF12 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat FGF12 Protein expressed in mammalien cells.
Sequence:	<p>MAAAIASSLI RQKRQARESN SDRVSASKRR SSPSKDGRSL CERHVLGVFS KVRFCSGRKR PVRRRPEPQL KGIVTRLFSQ QGYFLQMHPD GTIDGTKDEN SDYTLFNLIP VGLRVVAIQG VKASLYVAMN GEGYLYSSDV FTPECKFKES VFENYYVIYS STLYRQQESG RAWFLGLNKE GQIMKGNRVK KTKPSSHFPV KPIEVCMYRE PSLHEIGEKQ GRSRKSSGTP TMNGGKVVNQ DST</p> <p>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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	FGF12
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Alternative Name:	FGF12 (FGF12 Products)
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Background:	Fibroblast growth factor 12 (FGF-12) (Fibroblast growth factor homologous factor 1) (FHF-1) (Myocyte-activating factor),FUNCTION: Involved in nervous system development and function. Involved in the positive regulation of voltage-gated sodium channel activity. Promotes neuronal excitability by elevating the voltage dependence of neuronal sodium channel SCN8A fast inactivation. {ECO:0000269 PubMed:27164707}.
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Molecular Weight:	27.4 kDa
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UniProt:	P61328
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Pathways:	Negative Regulation of Transporter Activity
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months