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Datasheet for ABIN7549775
NPSR1 Protein (AA 1-371) (His tag)

Overview

Quantity:	1 mg
Target:	NPSR1
Protein Characteristics:	AA 1-371
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NPSR1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NPSR1 Protein expressed in mammalian cells.
Sequence:	MPANFTEGSF DSSGTGQTLD SSPVACTETV TFTEVVEGKE WGSFYYSFKT EQLITLWVLF VFTIVGNSVW LFTWRRKKK SRMTFFVTQL AITDSFTGLV NILTDINWRF TGDFAPDLV CRVVRYLQVW LLYASTYVLV SLSIDRYHAI VYPMKFLQGE KQARVLIVIA WSLSFLFSIP TLIIFGKRTL SNGEVQCWAL WPDDSYWTPY MTIVAFLVYF IPLTIISIMY GIVIRTIWIK SKTYETVISN CSDGKLCSSY NRGLISKAKI KAIKYSIIII LAFICCWSPY FLDILDNFN LLPDTQERFY ASVIIQLNPA LNSAINPLIY CVFSSSISFP CREQRSQDSR MTFRERTERH EMQILSKPEF 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:

Product Details

- 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).

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:	NPSR1
Alternative Name:	NPSR1 (NPSR1 Products)
Background:	Neuropeptide S receptor (G-protein coupled receptor 154) (G-protein coupled receptor PGR14) (G-protein coupled receptor for asthma susceptibility),FUNCTION: G-protein coupled receptor for neuropeptide S (NPS) (PubMed:16790440). Promotes mobilization of intracellular Ca(2+) stores (PubMed:16790440). Inhibits cell growth in response to NPS binding (PubMed:15947423). Involved in pathogenesis of asthma and other IgE-mediated diseases. {ECO:0000269 PubMed:15312648, ECO:0000269 PubMed:15947423, ECO:0000269 PubMed:16790440}.
Molecular Weight:	42.7 kDa
UniProt:	Q6W5P4

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.
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Application Details

Restrictions: For Research Use only

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