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Datasheet for ABIN7563118 HTR5B Protein (AA 1-370) (His tag)

Overview

Quantity:	1 mg
Target:	HTR5B
Protein Characteristics:	AA 1-370
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HTR5B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Htr5b Protein expressed in mammalian cells.
Sequence:	MEVSNLSGAT PGLAFPPGPE SCSDSPSSGR SMGSTPGGLI LPGREPPFSA FTVLVVTLVV LLIAATFLWN LLVLVTILRV RAFHRVPHNL VASTAVSDVL VAVLVMPLSL VSELSAGRRW QLGRSLCHVW ISFDVLCCTA SIWNVAAIAL DRYWTITRHL QYTLRTRSRA SALMIAITWA LSALIALAPL LFGWGEAYDA RLQRCQVSQE PSYAVFSTCG AFYLPLAVVL FVYWKIYKAA KFRFGRRRRA VVPLPATTQA KEAPPESEMV FTARRRATVT FQTSGDSWRE QKEKRAAMMV GILIGVFVLC WIPFFLELI SPLCACSLPP IWKSIFLWLG YSNSFFNPLI YTAFNKNNYN AFKSLFTKQR 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:	HTR5B
Alternative Name:	Htr5b (HTR5B Products)
Background:	5-hydroxytryptamine receptor 5B (5-HT-5B) (5-HT5B) (Serotonin receptor 5B),FUNCTION: This is one of the several different receptors for 5-hydroxytryptamine (serotonin), a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. The activity of this receptor is mediated by G proteins. Probably involved in anxiety and depression.
Molecular Weight:	41.2 kDa
UniProt:	P31387

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 Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months