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Datasheet for ABIN7563355
SULT2A2 Protein (AA 1-285) (His tag)

Overview

Quantity:	1 mg
Target:	SULT2A2
Protein Characteristics:	AA 1-285
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT2A2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sult2a2 Protein expressed in mammalian cells.
Sequence:	MMSDYNWFEG IPFPAISYQR EILEDIRNKF VVKEEDLLIL TYPKSGTNWL NEIVCLIQTK GDPKWIQTVP IWDRSPWIET EIGYSAIINK EGPRLITSHL PIHLFSKSFF SSKAKAIYLM RNPRDILVSG YFFWGNNTNLV KNPGSLGTYF EWFLQGNVLF GSWFEHVRGW LSMREWDNFL VLYYEDMKKD TKGTIKKICD FLGKNLGPDE LDLVLKYSSF QAMKENNMSN YSLIKEDRVT NGLKLMRKGT TGDWKNHFTV AQAEAFDKVF QEKMAGFPPG MFPWE 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)
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Grade:	custom-made
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Target Details

Target:	SULT2A2
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Alternative Name:	Sult2a2 (SULT2A2 Products)
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Background:	Sulfotransferase 2A2 (ST2A2) (EC 2.8.2.2) (Hydroxysteroid sulfotransferase) (ST),FUNCTION: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor to catalyze the sulfate conjugation of a potential wide variety of acceptor molecules bearing a hydroxyl group. Sulfonation increases the water solubility of most compounds, and therefore their renal excretion, but it can also result in bioactivation to form active metabolites. {ECO:0000269 PubMed:8033251}.
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Molecular Weight:	33.3 kDa
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UniProt:	P50236
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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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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