

Datasheet for ABIN7546470  
**SULT1C3 Protein (AA 1-304) (His tag)**



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## Overview

Quantity:	1 mg
Target:	SULT1C3
Protein Characteristics:	AA 1-304
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SULT1C3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant SULT1C3 Protein expressed in mammalian cells.
Sequence:	<p>MAKIEKNAPT MEKKPELFNI MEVDGVPTLI LSKEWWEKVC NFAQAKPDDLI LATYPKSGTT WMHEILDMIL NDGDVEKCKR AQLDRHAFL ELKFPHKEKP DLEFVLEMSS PQLIKTHLPS HLIPPSIWKE NCKIVYVARN PKDCLVSYH FHRMASFMPD PQNLEEFYEK FMSGKVVGGS WFDHVKGWWA AKDMHRILYL FYEDIKKDPK REIEKILKFL EKDISEEILN KIIYHTSFDV MKQNPMTNYT TLPTSIMDHS ISPFMRKGMP GDWKNYFTVA QNEEFDKDYQ KKMAGSTLTF RTEI <b>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.</b></p>
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

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- 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.

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

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## Target Details

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Target:	SULT1C3
Alternative Name:	SULT1C3 ( <a href="#">SULT1C3 Products</a> )
Background:	<p>Sulfotransferase 1C3 (ST1C3) (EC 2.8.2.1) (EC 2.8.2.2),FUNCTION: [Isoform 1]: Sulfotransferase that utilizes 3'-phospho-5'-adenylyl sulfate (PAPS) as sulfonate donor. Has sulfotransferase activity towards various substrates, such as bile acids, thyroid hormones and toward xenobiotic compounds such as chloro phenols and hydroxypyrenes. Lithocholic acid appears to be the best substrate among the endogenous compounds tested and 3,3',5,5'-tetrachloro-4,4'-biphenyldiol shows the highest specific activity among the xenobiotic compounds. {ECO:0000269 PubMed:17425406, ECO:0000269 PubMed:17936463, ECO:0000269 PubMed:28992322}., FUNCTION: [Isoform 2]: Exhibits weak sulphating activity and only toward chloro phenols (pentachlorophenol and 3,3',5,5'-tetrachloro-4,4'-biphenyldiol). {ECO:0000269 PubMed:28992322}.</p>
Molecular Weight:	35.9 kDa
UniProt:	<a href="#">Q6IMI6</a>

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## Application Details

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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

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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