

Product datasheet for **TP306314**

SULT4A1 (NM_014351) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sulfotransferase family 4A, member 1 (SULT4A1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC206314 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAESEAETPSTPGEFESKYFEFHGVRLPPFCRGKMEEIANFPVRPSDVWIVTYPGTSLLQEVVYLVSQG
ADPDEIGLMNIDEQLPVLEYPQPGLDIKELTSPRLIKSHLPYRFLPSDLHNGDSKVIYMARNPKDLVVS
YYQFHRSRLRTMSYRGTFQEFCCRFMNDKLGYSWFEHVQEFWEHRMDSNVLFKLYEDMHRDLVTMVEQLA
RFLGVSCDKAQLALTEHCHQLVDQCCNAEALPVGRGRVGLWKDIFTVSMNEKFDLVYKQKMGKCDLTFD
FYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

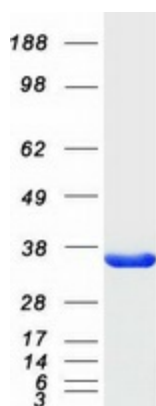
Tag:	C-Myc/DDK
Predicted MW:	32.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055166
Locus ID:	25830



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UniProt ID:	<u>Q9BR01</u>
RefSeq Size:	2465
Cytogenetics:	22q13.31
RefSeq ORF:	849
Synonyms:	BR-STL-1; BRSTL1; DJ388M5.3; hBR-STL-1; NST; SULTX3
Summary:	This gene encodes a member of the sulfotransferase family. The encoded protein is a brain-specific sulfotransferase believed to be involved in the metabolism of neurotransmitters. Polymorphisms in this gene may be associated with susceptibility to schizophrenia. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified SULT4A1 protein (Cat# TP306314). The protein was produced from HEK293T cells transfected with SULT4A1 cDNA clone (Cat# [RC206314]) using MegaTran 2.0 (Cat# [TT210002]).