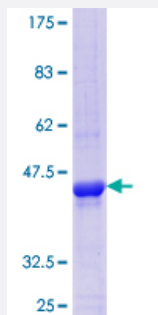


SULT4A1 (Human) Recombinant Protein (Q01)

Catalog # H00025830-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SULT4A1 partial ORF (NP_055166.1, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAESEAETPSTPGEFESKYFEFHGVRLPPFCRGKMEEIANFPVRPSDVWMTYPKSGTSLQEVV YLVSQGADPDEIGLMNIDEQLPVLEYPQPGLDIK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (97); Rat (97)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SULT4A1

Entrez GeneID [25830](#)

GeneBank Accession# [NM_014351](#)

Protein Accession# [NP_055166.1](#)

Gene Name SULT4A1

Gene Alias BR-STL-1, BRSTL1, DJ388M5.3, MGC40032, NST, SULTX3, hBR-STL-1

Gene Description sulfotransferase family 4A, member 1

Omim ID [608359](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations OTTHUMP00000028875|brain sulphotransferase-like|nervous system cytosolic sulfotransferase|sulfotransferase-related protein

Disease

- [Cognition Disorders](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Neoplasm Recurrence](#)

- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Psychiatric Status Rating Scales](#)
- [Psychotic Disorders](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)