

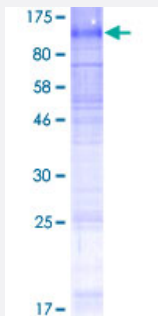
Full-Length

SLC5A3 (Human) Recombinant Protein (P01)

Catalog # H00006526-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SLC5A3 full-length ORF (AA46537.1, 1 a.a. - 718 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRAVLDTADIAVALYFILVMCIGFFAMWKSNRSTVSGYFLAGRSMTWVTIGASLFVSNIGSEHFIGL
AGSGAASGFAVGAWEFNALLLLQLLGWVFIPMYRSGVYTMPEYLSKRFGGHRIQVYFAALSILYIFT
KLSVDLYSGALFIQESLGWNLYVSVILLIGMTALLTVTGGLVAVIYDTLQALLMIIGALTLMIISIMEIGG
FEEVKRRYMLASPDVTSILLTYNLSNTNSCNVSPKKEALKMLRNPTDEDVPWPGFILGQTPASVW
YWCADQVIVQRVLAANKIAHAKGSTLMAGFLKLLPMFIIVPGMISRILFTDDIACINPEHCMLVCGS
RAGCSNIAYPRLVMKLPVGLRGLMMAVMIAALMSDLSIFNSASTIFTLDVYKLIRKSASSRELMIV
GRIFVAFMVVISIAWVPIIVEMQGGQMYLYIQEVADYLTPPVAALFLLAIFWKRCNEQGAFYGGMAG
FVLGAVRLILAFAYRAPECDQPDNRPGFIKDIHYMYVATGLFWVTGLITVMSLLTPPTKEQIRTTTF
WSKKNLVVKENCSPKEEYQMQEKSILRCSENNETINHIIPNGKSEDSIKGLQPEDVNLLVTCREE
GNPVASLGHSEAETPVDAYSNGQAALMGEKERKKETDDGGRYWKFDWFCGFKSKSLSKRSLR
DLMEEEAVCLQMLEETRQVKVILNIGLFAVCSLGIFMFVYFSL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

105.93

Interspecies Antigen Sequence

Mouse (94); Rat (92)

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 — SLC5A3

Entrez GeneID	6526
GeneBank Accession#	BC146536
Protein Accession#	AA46537.1
Gene Name	SLC5A3
Gene Alias	SMIT, SMIT2
Gene Description	solute carrier family 5 (sodium/myo-inositol cotransporter), member 3
Omim ID	600444
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTHUMP00000068543 human solute carrier family 5, member 3, Sodium/myo-inositol cotransp orter sodium/myo-inositol cotransporter 1 solute carrier family 5 (inositol transporter), member 3 s olute carrier family 5 (inositol transporters), member 3

Disease

- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Genetic Predisposition to Disease](#)
- [Myocardial Infarction](#)