Proteoliposomes Full-Length

SLC16A2 (Human) Recombinant Protein

Catalog # H00006567-G01 Size 10 ug

Specification

Product Description	Human SLC16A2 full-length ORF (AAI56063.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MGRGGGGLDVGGGGEGSRDRLSRDGLASWGAEPGGGGSGSGSSSPPSSSSCSSRNKYQPQ SGSSGPSSHSPPAAMALQSQASEEAKGPWQEADQEQQEPVGSPEPESEPEPEPEPEPVPVP PPEPQPEPQPLPDPAPLPELEFESERVHEPEPTPTVETRGTARGFQPPEGGFGWVVVFAATWC NGSIFGIHNSVGILYSMLLEEEKEKNRQVEFQAAWVGALAMGMIFFCSPIVSIFTDRLGCRITATAGA AVAFIGLHTSSFTSSLSLRYFTYGILFGCGCSFAFQPSLVILGHYFQRRLGLANGVVSAGSSIFSMS FPFLIRMLGDKIKLAQTFQVLSTFMFVLMLLSLTYRPLLPSSQDTPSKRGVRTLHQRFLAQLRKYFN MRVFRQRTYRIWAFGIAAAALGYFVPYVHLMKYVEEEFSEIKETWVLLVCIGATSGLGRLVSGHISD SIPGLKKIYLQVLSFLLLGLMSMMIPLCRDFGGLIVVCLFLGLCDGFFITIMAPIAFELVGPMQASQAI GYLLGMMALPMIAGPPIAGLLRNCFGDYHVAFYFAGVPPIIGAVILFFVPLMHQRMFKKEQRDSSK DKMLAPDPDPNGELLPGSPNPEEPI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	67.5
Interspecies Antigen Sequence	Mouse (92)
Form	Liquid
Preparation Method	*in vitro* wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

Gene Info — SLC16A2

Entrez GeneID	6567
GeneBank Accession#	BC156062.1
Protein Accession#	AAI56063.1
Gene Name	SLC16A2
Gene Alias	AHDS, DXS128, DXS128E, MCT7, MCT8, MRX22, XPCT
Gene Description	solute carrier family 16, member 2 (monocarboxylic acid transporter 8)
Omim ID	300095 300523
Gene Ontology	Hyperlink
Gene Summary	This gene encodes an integral membrane protein transporter of thyroid hormone; specifically, cell ular importation of thyroxine (T4), triiodothyronine (T3), reverse triiodothyronine (rT3) and diidothyr onine (T2). This gene is expressed in many tissues including brain, heart, placenta, lung, kidney, s keletal muscle, and liver. This gene likely plays an important role in the development of the central nervous system. Loss of function mutations in this gene are associated with psychomotor retardat ion in males while females exhibit no neurological defects and more moderate thyroid-deficient ph enotypes. This gene is subject to X-chromosome inactivation. [provided by RefSeq
Other Designations	X-linked PEST-containing transporter|monocarboxylate transporter 8|solute carrier family 16, me mber 2