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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic

www.abnova.com

9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

SLC25A19 (Human) Recombinant Protein (P01)

Catalog Number: H00060386-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC25A19 full-length ORF (AAH01075, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MVGYDPKPDGRNNTKFQVAVAGSVSGLVTRALISPFD
VIKIRFQLQHERLSRSDPSAKYHGILQASRQILQEEGPT
AFWKGHVPAQILSIGYGAVQFLSFEMLTELVHRGSVY
DAREFSVHFVCGGLAACMATLTVHPVDVLRTRFAAQG
EPKVYNTLRHAVGTMYRSEGPQVFYKGLAPTLIAIFPY
AGLQFSCYSSLKHLYKWAIPAEGKKNENLQNLLCGSG
AGVISKTLTYPLDLFKKRLQVGGFEHARAAFGQVRRY
KGLMDCAKQVLQKEGALGFFKGLSPSLLKAALSTGFM
FFSYEFFCNVFHCMNRTASQR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.94

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

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.

Entrez GeneID: 60386

Gene Symbol: SLC25A19

Gene Alias: DNC, MCPHA, MUP1, TPC

Gene Summary: This gene encodes a mitochondrial protein that is a member of the solute carrier family. Although this protein was initially thought to be the mitochondrial deoxynucleotide carrier involved in the uptake of deoxynucleotides into the matrix of the mitochondria, further studies have demonstrated that this protein instead functions as the mitochondrial thiamine pyrophosphate carrier, which transports thiamine pyrophosphates into mitochondria. Mutations in this gene cause microcephaly, Amish type, a metabolic disease that results in severe congenital microcephaly, severe 2-ketoglutaric aciduria, and death within the first year. Multiple alternatively spliced variants, encoding the same protein, have been identified for this gene. [provided by RefSeq]