Datasheet for ABIN1320482

SLC5A1 Protein (AA 1-664) (GST tag)

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Overview

Quantity:	25 µg
Target:	SLC5A1
Protein Characteristics:	AA 1-664
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This SLC5A1 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	SLC5A1 (Human) Recombinant Protein (P01)
Sequence:	MDSSTWSPKT TAVTRPVETH ELIRNAADIS IIVIYFVVVM AVGLWAMFST NRGTVGGFFL AGRSMVWWPI GASLFASNIG SGHFVGLAGT GAASGIAIGG FEWNALVLVV VLGWLFVPIY IKAGVVTMPE YLRKRFGGQR IQVYLSLLSL LLYIFTKISA DIFSGAIFIN LALGLNLYLA IFLLLAITAL YTITGGLAAV IYTDTLQTVI MLVGSLILTG FAFHEVGGYD AFMEKYMKAI PTIVSDGNTT FQEKCYTPRA DSFHIFRDPL TGDLPWPGFI FGMSILTLWY WCTDQVIVQR CLSAKNMSHV KGGCILCGYL KLMPMFIMVM PGMISRILYT EKIACVVPSE CEKYCGTKVG CTNIAYPTLV VELMPNGLRG LMLSVMLASL MSSLTSIFNS ASTLFTMDIY AKVRKRASEK ELMIAGRLFI LVLIGISIAW VPIVQSAQSG QLFDYIQSIT SYLGPPIAAV FLLAIFWKRV NEPGAFWGLI LGLLIGISRM ITEFAYGTGS CMEPSNCPTI ICGVHYLYFA IILFAISFIT IVVISLLTKP IPDVHLYRLC WSLRNSKEER IDLDAEEENI QEGPKETIEI ETQVPEKKKG IFRRAYDLFC GLEQHGAPKM TEEEEKAMKM KMTDTSEKPL WRTVLNVNGI ILVTVAVFCH AYFA

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Product Details

Characteristics:	Human SLC5A1 full-length ORF (AAI46581.1, 1 a.a. - 664 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	SLC5A1
Alternative Name:	SLC5A1 (SLC5A1 Products)
Background:	Full Gene Name: solute carrier family 5 (sodium/glucose cotransporter), member 1 Synonyms: D22S675,NAGT,SGLT1
Gene ID:	6523

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Huang, Hsu, Huang, Chen, Hsiao, Zhang, Fidler, Hung: "Exogenous expression of human SGLT1 exhibits aggregations in sodium dodecyl sulfate polyacrylamide gel electrophoresis." in: **American journal of translational research**, Vol. 5, Issue 4, pp. 441-9, (2013) (PubMed).

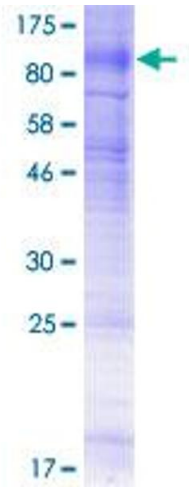

Image 1.

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