

GLUT1 recombinant protein

Recombinant Human GLUT1

CATALOG #
AAA249423

HOST
E.Coli

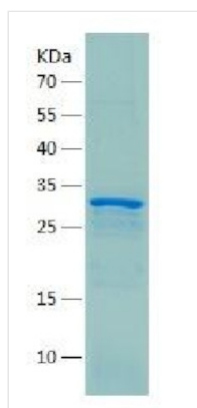
PRODUCT SYNONYMS

GLUT1; Recombinant Human GLUT1; DYT17; DYT18; DYT18DYT17; DYT9; EIG12; Glucose transporter type 1; erythrocyte/brain; Glut1; GLUT-1; GLUT1DS; GLUT1GLUT; HepG2 glucose transporter; MGC141895; MGC141896; PED; SLC2A1; solute carrier family 2 (facilitated glucose transporter; member 1; solute carrier family 2; facilitated glucose transporter member 1.; GLUT1 recombinant protein

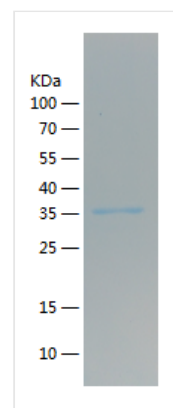
PRODUCT SPECIFICATIONS

Host	E.Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 150 mM NaCl with 5% trehalose, pH7.4
Sequence Positions	210-280
Species	Human
Tag	N-terminal His-IF2DI tag
Reconstitution	Centrifuge the vial before opening, reconstitute in sterile distilled water to a concentration of 0.1-1 mg/ml by gently pipetting 2-3 times , don't vortex
Preparation and Storage	The lyophilized proten is stable at -20 degree C for up to 1 year. After reconstitution, the protein solution is stable at -20 to -80 degree C for 3 months or 1 week at 2-8 degree C under sterile conditions. For extended storage, it is recommended to further dilute in working aliquots, avoid repeated freeze/thaw cycles

IMAGES



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	166795299
NCBI GeneID	6513

NCBI Accession #	NP_006507.2
NCBI GenBank Nucleotide #	NM_006516.2
UniProt Accession #	P11166 ; O75535 ; Q147X2 ; A8K9S6 ; B2R620 ; D3DPX0
Molecular Weight	29 KDa under reducing conditions
NCBI Official Full Name	solute carrier family 2, facilitated glucose transporter member 1
NCBI Official Synonym Full Names	solute carrier family 2 (facilitated glucose transporter), member 1
NCBI Official Symbol	SLC2A1
NCBI Official Synonym Symbols	PED; DYT9; GLUT; DYT17; DYT18; EIG12; GLUT1; HTLV1R; GLUT1DS
NCBI Protein Information	solute carrier family 2, facilitated glucose transporter member 1; GLUT-1; hepG2 glucose transporter; glucose transporter type 1, erythrocyte/brain; human T-cell leukemia virus (I and II) receptor
UniProt Protein Name	Solute carrier family 2, facilitated glucose transporter member 1
UniProt Gene Name	SLC2A1
UniProt Synonym Gene Names	GLUT1; GLUT-1
UniProt Entry Name	GTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/slc2a1-recombinant-protein-e-coli/249423>