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Product datasheet for TP304317L

GLUT8 (SLC2A8) (NM_014580) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 2 (facilitated glucose transporter), member 8 (SLC2A8), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204317 protein sequence Red=Cloning site Green=Tags(s) MTPEDPEETQPLLGPPGGSAPRGRRVFLAAFAAALGPLSFGFALGYSSPAIPSLQRAAPPAPRLDDAAAS WFGAVVTLGAAAGGVLGGWLVDRAGRKLSLLLCSVPFVAGFAVITAAQDVWMLLGGRLLTGLACGVASLV APVYISEIAYPAVRGLLGSCVQLMVVVGILLAYLAGWVLEWRWLAVLGCVPPSLMLLLMCFMPETPRFLL TQHRRQEAMAALRFLWGSEQGWEDPPIGAEQSFHLALLRQPGIYKPFIIGVSLMAFQQLSGVNAVMFYAE TIFEEAKFKDSSLASVVVGVIQVLFTAVAALIMDRAGRRLLLVLSGVVMVFSTSAFGAYFKLTQGGPGNS SHVAISAPVSAQPVDASVGLAWLAVGSMCLFIAGFAVGWGPIPWLLMSEIFPLHVKGVATGICVLTNWLM AFLVTKEFSSLMEVLRPYGAFWLASAFCIFSVLFTLFCVPETKGKTLEQITAHFEGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	50.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

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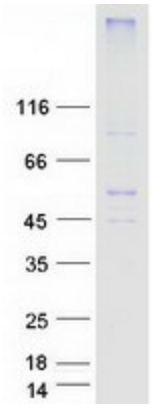
RefSeq:	NP_055395
Locus ID:	29988
UniProt ID:	Q9NY64, Q8WZ05, A0A024R871
RefSeq Size:	2176
Cytogenetics:	9q33.3
RefSeq ORF:	1431
Synonyms:	GLUT8; GLUTX1
Summary:	This gene belongs to the solute carrier 2A family, which includes intracellular glucose transporters. Based on sequence comparison, the glucose transporters are grouped into three classes and this gene is a member of class II. The encoded protein, like other members of the family, contains several conserved residues and motifs and 12 transmembrane domains with both amino and carboxyl ends being on the cytosolic side of the membrane. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified SLC2A8 protein (Cat# [TP304317]). The protein was produced from HEK293T cells transfected with SLC2A8 cDNA clone (Cat# [RC204317]) using MegaTran 2.0 (Cat# [TT210002]).