

## Product datasheet for **TP304317**

### 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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204317 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTPEDPEETQPLLGGPSAPRGRVFLAAFAAALGPLSFGFALGYSSPAIPSLQRAAPPAPRLDDAAAS  
WFGAVVTLGAAAGGVLGGWLVDGRKLSLLCSVPFVAGFAVITAAQDVWMLLGGRLLTGLACGVASLV  
APVYISEIAYPAVRGLLGSCVQLMVVVGILLAYLAGWVLEWRWLAVLGCVPPSLMLLLMCFMPETPRFLL  
TQHRRQEAMAALRFLWGSEQGWEDPPIGAEQSFHLALLRQPGIYKPFIIQVSLMAFQQLSGVNAVVMFYAE  
TIFEEAKFKDSSLASVWVGVIQVLFATAALIMDRAGRRLLLVLSGVMVFSTSAFGAYFKLTQGGPGNS  
SHVAISAPVSAQPVDAVGLAWLAVGSMCLFIAGFAVGWGIPIWLLMSEIFPLHVKGVATGICVLTNWLM  
AFLVTKEFSSLMEVLRPYGAFWLASAFICFSVLFVLPETKGTLEQITAHFEGR

**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

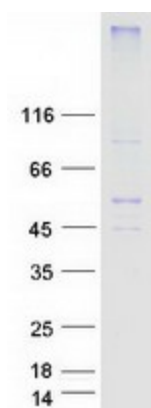
RefSeq ORF: 1431

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]).