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Datasheet for ABIN7401587

GLUT1 Protein (AA 409-489) (His tag,SUMO Tag)

Overview

Quantity:	100 µg
Target:	GLUT1 (SLC2A1)
Protein Characteristics:	AA 409-489
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This GLUT1 protein is labelled with His tag,SUMO Tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Positive Control (PC), Immunogen (Imm)

Product Details

Sequence:	Phe409-Asp489
Characteristics:	Recombinant Glucose Transporter 1 (GLUT1), Prokaryotic expression, Phe409-Asp489, Two N-terminal Tags, His-tag and SUMO-tag
Purity:	> 95 %

Target Details

Target:	GLUT1 (SLC2A1)
Alternative Name:	Glucose Transporter 1 (SLC2A1 Products)
Background:	SLC2A1, SLC2-A1, GLUT, Solute Carrier Family 2 Member 1, Facilitated Glucose Transporter, Glucose transporter type 1, erythrocyte/brain, HepG2 glucose transporter

Target Details

Molecular Weight:	20kDa
UniProt:	P11166
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:4.8
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Expiry Date:	12 months