

Recombinant Full Length Human Solute Carrier Family 2, Facilitated Glucose Transporter Member 1(Slc2A1) Protein, Tag-Free

Cat. No. RFL2234HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Solute carrier family 2, facilitated glucose transporter member 1(SLC2A1) Protein (P11166) (1-492aa) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Full Length (1-492)
Form	Lyophilized powder
AA Sequence	MEPSSKKLTGRLMLAVGGAVLGSLQFGYNTGVINAPQKVIEEFYNQTWVHRYGESIL PTTLTTLWSLSVAIFSVGGMIGSFVGLFVNRFGRNLSMLMMNLLAFVSAVLMGFSK LGKSFEMILIGRFIIGVYCGLTTGFVPMYVGEVSPTALRGALGTLHQLGIVVGILIAQV FGLDSIMGNKDLWPLLLSIIFIPALLQCIVLPFCPESPRFLLINRNEENRAKSVLKKLRG TADVTHDLQEMKEESRQMMREKKVTILELFRSPAYRQPILIAVVLQLSQQLSGINAVF YYSTSIFEKAGVQQPVYATIGSGIVNTAFTVVSLFVVERAGRRTLHLIGLAGMAGCAIL MTIALALLEQLPWMSYLSIVAIFGFVAFFEVGPPIWFIWAELFSQGPRPAAIAVAGF SNWTSNFIVGMCFQYVEQLCGPYVFIIFTVLLVLFIFTYFKVPETKGRTFDEIASGFR QGGASQSDKTPEELFHPLGADSQV Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.
Purity	Greater than 90% as determined by SDS-PAGE.

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Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	SLC2A1
Synonyms	Choreoathetosis/spasticity episodic (paroxysmal choreoathetosis/spasticity); CSE; DYT17; DYT18; DYT9; EIG12; erythrocyte/brain; Erythrocyte/hepatoma glucose transporter; facilitated glucose transporter member 1; Glucose transporter 1; Glucose transporter
UniProt ID	P11166