

Recombinant Sodium/Glucose Cotransporter 1 (SGLT1)

Catalog No.: TP09004

50µg

Sequence Information

Species: Human

Gene ID:6523

Swiss Prot:P13866

Synonyms:SLC5A1; NAGT; Solute Carrier

Family 5 Member 1; High affinity

sodium-glucose cotransporter;

Na(+)/glucose cotransporter 1

Residues:Leu527~Ala664

LYFAILLFAISFITIVVISLLTKPIPDVHLYRLCWSLRNSKEERIDLDAAEEENI

QEGPKETIEIETQVPEKKKGIFRRAYDLFCGLEQHGAPKMTEEEEKAMKMKMTD

TSEKPLWRTVLNVNGIILVTVAVFCHAYFA

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 5.3

Predicted Molecular Mass: 19.7kDa

Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.