

Product Datasheet

Recombinant Human SGLT1/SLC5A1 GST (N-Term) Protein H00006523-P01-2ug

Unit Size: 2 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 1

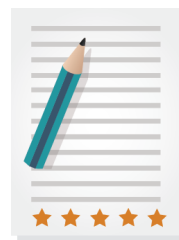
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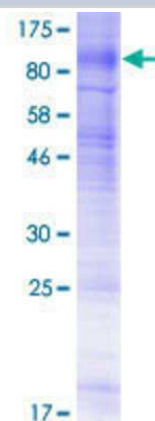
H00006523-P01-2ug**Recombinant Human SGLT1/SLC5A1 GST (N-Term) Protein**

Product Information	
Unit Size	2 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	99.99 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-664 of Human SLC5A1 Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: MDSSTWSPKTTAVTRPVETHELIRNAADISIIVYFVVMAVGLWAMFSTNRGTV GGFFLAGRSMVWWPIGASLFASNIGSGHFVGLAGTGAASGIAIGGFEWNALVL VVVLGWLFVPIYIKAGVVTMPEYLRKRFGGQRIQVYLSLLSLLLYIFTKISADIFSG AIFINLALGLNLYLAIFLLAITALYTITGGLAAVIYTDLTQTVMILVGSILTGFAFHE VGGYDAFMEKYMKAIPTIVSDGNTTFQEKCYTPRADSFHIFRDPLTGDLPWPG FIFGMSILTLWYWCTDQVIVQRCLSAKNMSHVKGCGILCGYKLMPMFIMVMP GMISRILYTEKIACVVPSECEKYCGTKVGCTNIAYPTLVVELMPNGLRGLMLSV MLASLMSSLTSIFNSASTLFTMDIYAKVRKRASEKELMIAGRLFILVLIGISIAWVPI VQSAQSGQLFDYIQSITSYLGPPIAAVFLLAIFWKRVNEPGAFWGLILGLLIGISR MITEFAYGTGSCMEPSNCPTIICGVHYLYFAILFAISFITIVVISLLTKPIPDVHLYR LCWSLRNSKEERIDLDAAEENIQEGPKETIEIETQVPEKKKGIFRRAYDLFCGLE QHGAPKMTEEEEKAMKMKMTDTSEKPLWRTVLNVNGIILVTVAVFCHAYFA
Gene ID	6523
Gene Symbol	SLC5A1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Huang WC, Hsu SC, Huang SJ et al. Exogenous expression of human SGLT1 exhibits aggregations in sodium dodecyl sulfate polyacrylamide gel electrophoresis. *Am J Transl Res*. 2013-01-01 [PMID: 23724167] (Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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