Recombinant Full Length Human SLC25A3 Protein

Cat. No. SLC25A3-477HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human SLC25A3 with N terminal proprietary tag; Predicted MWt 65.45 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	361 amino acids
Description	The protein encoded by this gene catalyzes the transport of phosphate into the mitochondrial matrix, either by proton cotransport or in exchange for hydroxyl ions. The protein contains three related segments arranged in tandem which are related to those found in other characterized members of the mitochondrial carrier family. Both the N-terminal and C-terminal regions of this protein protrude toward the cytosol. Multiple alternatively spliced transcript variants have been isolated.
Form	Liquid
Molecular Mass	65.450kDa inclusive of tags
AA Sequence	MFSSVAHLARANPFNTPHLQLVHDGLGDLRSSSPGPTGQP RRPRNLAAAAVEEYS CEFGSAKYYALCGFGGVLSCGLTHT AVVPLDLVKCRMQVDPQKYKGIFNGFSVTLK EDGVRGLAK GWAPTFLGYSMQGLCKFGFYEVFKVLYSNMLGEENTYLWR TSLYL AASASAEFFADIALAPMEAAKVRIQTQPGYANTLR DAAPKMYKEEGLKAFYKGVAPL WMRQIPYTMMKFACCERT VEALYKFVVPKPRSECSKPEQLVVTFVAGYIAGVFCAI

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	VS HPADSVVSVLNKEKGSSASLVLKRLGFKGVWKGLFARIIM IGTLTALQWFIYDSV KVYFRLPRPPPPEMPESLKKKLGLT Q
Purity	Proprietary Purification
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.
Storage Buffer	pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name	SLC25A3 solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3 [Homo sapiens]
Official Symbol	SLC25A3
Synonyms	SLC25A3; solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 3; PHC; phosphate carrier protein, mitochondrial
Gene ID	5250
mRNA Refseq	NM_002635
Protein Refseq	NP_002626
MIM	600370
UniProt ID	Q00325

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