

Product datasheet for PH322532

SLC26A4 (NM_000441) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SLC26A4 MS Standard C13 and N15-labeled recombinant protein (NP_000432)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222532
Predicted MW:	85.5 kDa
Protein Sequence:	>RC222532 representing NM_000441 Red =Cloning site Green =Tags(s)

MAAPGGRSEPPQLPEYSCSYMVRPVYSELAFQQQHERRLQERKTLRESLAKCCSCSRKRAFGVLKTLVP
 ILEWLPKYRVKEWLLSDVISGVSTGLVATLQGMAYALLAAVPVGYGLYSAFFPILTYFIFGTSRHISVGP
 FPVVSMLVGSVLSMAPDEHFLVSSSNGTVLNTTMTDAARDTARVLIASALTLLVGIIQLIFGGLQIGF
 IVRYLADPLVGGFTTAAAFQVLVSLKIVLVSTKNYNGVLSIIYTLVEIFQNIQDNLADFTAGLLTIV
 VCMVAVKELNDRFRHKIPVPIPIEVIVTIIATAISYGANLEKNYNAGIVKSIPRGFLPPELPPVSLFSEML
 AASFSAIVVAYAIASVSGKVYATKYDYTIDGNQEFIAFGISNIFSGFFSCFVATTALSRTAVQESTGGKT
 QVAGIISAAIVMIALALGKLEPLQKSVLAADVIANLKGFMQLCDIPRLWRQNKIDAVIWFVFTCIVSI
 ILGLDLGLLAGLIFGLLTVVLRVQFSPWNLGSIPTSDIYKSTKNYKNIEEPQGVKILRFSPPIFYGNVD
 GFKKCIKSTVGFDAIRVYNKRLKALRKIQKLKSGQLRATKNGIISDAVSTNNAFEPDEDIEDLEELDIP
 TKEIEIQVDWNSLPVKVNVKVPPIHSLVLDCAISFLDVVGVRSLRVIVKEFQRIDVNVYFASLQDYVI
 EKLEQCGFFDDNIRKDTFFLTVDAILYLQNQVKSQEQGQSILEITLIQDCKDTLELITELTEEELDV
 QDEAMRTLAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_000432



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RefSeq Size: 4930

RefSeq ORF: 2340

Synonyms: DFNB4; EVA; PDS; TDH2B

Locus ID: 5172

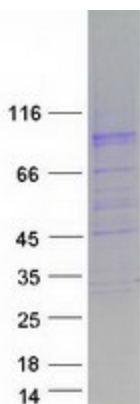
UniProt ID: [O43511](#)

Cytogenetics: 7q22.3

Summary: Mutations in this gene are associated with Pendred syndrome, the most common form of syndromic deafness, an autosomal-recessive disease. It is highly homologous to the SLC26A3 gene; they have similar genomic structures and this gene is located 3' of the SLC26A3 gene. The encoded protein has homology to sulfate transporters. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified SLC26A4 protein (Cat# [TP322532]). The protein was produced from HEK293T cells transfected with SLC26A4 cDNA clone (Cat# [RC222532]) using MegaTran 2.0 (Cat# [TT210002]).