

## Product datasheet for TP322532

### SLC26A4 (NM\_000441) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens solute carrier family 26, member 4 (SLC26A4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222532 representing NM_000441 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAAPGGRSEPPQLPEYSCSYMVSRRPVYSELAFQQQHERRLQERKTLRESLAKCCSCSRKRAFGVLKTLVP  
ILEWLPKYRVKEWLLSDVISGVSTGLVATLQGMAYALLAAMPVGYGLYSAFFPILTYFIFGTSRHISVGP  
FPVWLSMVGSVLMSMAPDEHFLVSSNGTVLNTTMMIDTAARDTARVLIASALTLLVGIIQLIFGGLQIGF  
IVRYLADPLVGGFTTAAAFQVLVSQLKIVLVNSTKNYNGVLSIIYTLVEIFQNIQDNLADFTAGLLTIV  
VCMAVKELNDRFRHKIPVPIPIEVIVTIIATAISYGANLEKKNYNAGIVKSIPRGFLPPELPPVSLFSEML  
AASFSAVVAYAIASVSGKVYATKYDYTIDGNQEFIAFGISNIFSGFFSFCVATTALSRTAVQESTGGKT  
QVAGIISAAIVMIALALGKLEPLQKSVLAAVVIANLKGMMQLCDIPRLWRQNKIDAVIWWFTCIVSI  
ILGLDLGLLAGLIFGLLVLRVQFPSWNLGSGIPSTDIYKSTKNYKNIEEPQGVKILRFSSPIFYGNVD  
GFKKCIKSTVGFDAIRVYNKRLKALRKIQKLIKSGQLRATKNGIISDAVSTNNAFEPDEDIEDLEELDIP  
TKEIEIQVDWNSLPELVKVNPKVPIHSLVLDGGAISFLDVGVRSRVRVIVKEFQRIDVNVYFASLQDYVI  
EKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQVKSQEGQGSILETITLIQDCKDTLELIETELTEELD  
VQDEAMRTLAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

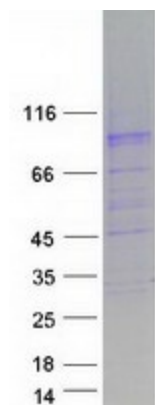
Tag:	C-Myc/DDK
Predicted MW:	85.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_000432</a>
<b>Locus ID:</b>	5172
<b>UniProt ID:</b>	<a href="#">O43511</a>
<b>RefSeq Size:</b>	4930
<b>Cytogenetics:</b>	7q22.3
<b>RefSeq ORF:</b>	2340
<b>Synonyms:</b>	DFNB4; EVA; PDS; TDH2B
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).