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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC26A5 (Human) Recombinant Protein (P01)

Catalog Number: H00375611-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC26A5 full-length ORF (AAI00836.1, 1 a.a. - 447 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MDHAEENEILAATQRYYVERPIFSHPVLQERLHTKDKV
PDSIADKLKQAFTCTPKKIRNIIYMFLPITKWLPAYKFKE
YVLGDLVSGISTGVLQLPQGLAFAMLAAVPPIFGLYSS
FYPVIMYCFLGTSRHISIGPFAVISLMIGGVAVRLVPDDI
VIPGGVNATNGTEARDALRVKVAMSVTLLSGIIQFCLG
VCRFGFVAIYLTEPLVRGFTTAAAVHVFTSMLKYLFGV
KTKRYSGIFSVVYSTVAVLQNVKNLNVCSLGVGLMVF
GLLLGGKEFNERFKEKLPAPIPLEFFAVVMGTGISAGF
NLKESYNVDVVGTLPLGLLPPANPDTSLFHLVYVDAIAI
AIVGFSVTISMAKTLANKHGYQVDGNQELIALGLCNSIG
SLFQTFSISCSLSRSLVQEGTGGKTQTIWLTTFVSSLFL
GLDYGLITAVIIALLTVIYRTQR

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 75

Interspecies Antigen Sequence: Mouse (97); Rat (97)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 375611

Gene Symbol: SLC26A5

Gene Alias: DFNB61, MGC118886, MGC118887, MGC118888, MGC118889, PRES

Gene Summary: This gene is a member of the SLC26A/SulP transporter family. It encodes a protein that is specifically expressed in outer hair cells (OHCs) of the cochlea and is essential in auditory processing. Intracellular anions are thought to act as extrinsic voltage sensors, which bind to this protein and trigger the conformational changes required for rapid length changes in OHCs. Mutations in this gene have been associated with non-syndromic hearing loss. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]