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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SLC22A5 (Human) Recombinant Protein (P01)

Catalog Number: H00006584-P01

Regulation Status: For research use only (RUO)

Product Description: Human SLC22A5 full-length ORF (AAH12325.1, 1 a.a. - 557 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MRDYDEVTAFLGEWGPFQRLIFFLLSASIIPNGFTGLSS
VFLIATPEHRCRVPDAANLSSAWRNHTVPLRLRDGRE
VPHSCRRYRLATIANFSALGLEPGRDVDLGQLEQESC
PDGWEFSQDVYLSTIVTEWNLVCEDDWKAPLTISLFFV
GVLLGSFISGQLSDRFGRKNVLFVTMGMQTGFSFLQIF
SKNFEMFVVLFVLVGMGQISNYVAAFVLGTEILGKSVRI
IFSTLGVCIFYAFGYMVLPLFAYFIRDWRMLLVALTMPG
VLCVALWWFIPESPRWLISQGRFEEAEVIIRKAAKANGI
VVPSTIFDPSELQDLSSKKQQSHNILDLLRTWNIRMVTI
MSIMLWMTISVGYFGLSLDTPNLHGDIFVNCFLSAMVE
VPAYVLAWLLLQYLPRRYSMATALFLGGSVLLFMQLV
PPDLYYLATVLVMVGKFGVTAAFSMVYVYTAELYPTVV
RNMGVGVSSTASRLGSILSPYFVYLGAYDRFLPYILMG
SLTILTAILTLFLPESFGTPLPDTIDQMLRVKGMKHRKT
PSHTRMLKDGQERPTILKSTAF

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 89.1

Interspecies Antigen Sequence: Mouse (85); Rat (85)

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: 6584

Gene Symbol: SLC22A5

Gene Alias: CDSP, FLJ46769, OCTN2, OCTN2VT

Gene Summary: Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. The encoded protein is a plasma integral membrane protein which functions both as an organic cation transporter and as a sodium-dependent high affinity carnitine transporter. The encoded protein is involved in the active cellular uptake of carnitine. Mutations in this gene are the cause of systemic primary carnitine deficiency (CDSP), an autosomal recessive disorder manifested early in life by hypoketotic hypoglycemia and acute metabolic decompensation, and later in life by skeletal myopathy or cardiomyopathy. [provided by RefSeq]