Recombinant Solute Carrier Family 1, Member 5 (SLC1A5)(N-GST-6His)

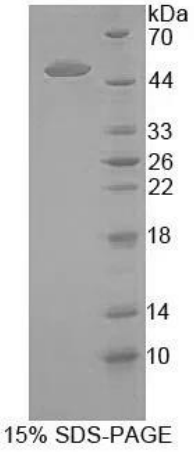
Catalog#:PEH22019

概述（Summary）

别称（Alternative Names）	SLC1A5; AAAT; ASCT2; ATBO; M7V1; M7VS1; R16; RDRC; Neutral Amino Acid Transporter B(0); Baboon M7 virus receptor; Sodium-dependent neutral amino acid transporter type 2
纯度（Purity）	Greater than 97% as determined by reducing SDS-PAGE.
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	6His-GST-【Leu327-Met541】
Accession #	Q15758
表达宿主（Host）	E.coli
种属（Species）	Homo sapiens (Human)
预测分子量（Predicted MW）	52.8 kDa
制剂（Form）	Lyophilized from a 0.2 μm filtered solution of 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
运输方式（Shipping）	The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
背景介绍（References）	Sodium-dependent amino acids transporter that has a broad substrate specificity, with a preference for zwitterionic amino acids. It accepts as substrates all neutral amino acids, including glutamine, asparagine, and branched-chain and aromatic amino acids, and excludes methylated, anionic, and cationic amino acids. Through binding of the fusogenic protein syncytin-1/ERVW-1 may mediate trophoblasts syncytialization, the spontaneous fusion of their plasma membranes, an essential process in placental development.; (Microbial infection)

Acts as a cell surface receptor for Feline endogenous virus RD114.; (Microbial infection) Acts as a cell surface receptor for Baboon M7 endogenous virus.; (Microbial infection) Acts as a cell surface receptor for type D simian retroviruses.

电泳图（SDS-PAGE image）



Greater than 97% as determined by reducing SDS-PAGE.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.