

Product datasheet for **TP508527**

Slc1a4 (NM_018861) Mouse Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Mouse solute carrier family 1 (glutamate/neutral amino acid transporter), member 4 (Slc1a4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species: | Mouse |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >MR208527 protein sequence Red =Cloning site Green =Tags(s) |

MEKSGETNGYLDGTQAEPAAAGPRTPETAMGKSQRCSFFRRHALVLLTVSGVLVAGMGAAALRGLQLTRT
QITYLAFPGEMLLRMLRMIIPLVVC SLVSGAASLDASSLGR LGGIAVAYFGLTTL SASALAVAFI IK
PGAGAQLQSSSLGLENSGPPPVS KETVDSFLDLLRNLFPSNLVVA AFTTSATDYTVVTHNTSSGNVTKE
KIPVWTDVEGMNILGLVLFALVLGVALK KLGPEGEDLIRFFNSFNEATMVLVSWIMWYVPIGIMFLIGSK
IVEMKDIVMLVTS LGKYIFASMLGHV IHGGIVLPLVYFAFTRKNPFTFL LGLLPFATAFATCSSSATLP
SMMKCI EENNGVDKRISRFILPIGATVNMDGAAIFQCVA AVFIAQLNNVDL NAGQIFTILVTATASSVGA
AGVPAGGVLTIAIILEAIGLPTHDSLILAVD WIVDRTTTTVNV EGDALGAGILNHLNQKVVKKEQELQ
EVKVEAIPNSKSEEETSPLVTHQNPAGPV AIAPELESKESVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

| | |
|----------------|--|
| Tag: | C-MYC/DDK |
| Predicted MW: | 56.1 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 |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C after receiving vials. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |



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RefSeq: [NP_061349](#)
Locus ID: 55963
UniProt ID: [Q35874](#), [Q3UTP8](#), [Q3US35](#)
RefSeq Size: 3926
Cytogenetics: 11 12.97 cM
RefSeq ORF: 1599
Synonyms: ASCT-1; ASCT1; AW045657; SATT
Summary: Transporter for alanine, serine, cysteine, and threonine. Exhibits sodium dependence (By similarity).[UniProtKB/Swiss-Prot Function]