

Product datasheet for **TP507224**

Slc7a4 (BC016100) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse solute carrier family 7 (cationic amino acid transporter, y+ system), member 4 (cDNA clone MGC:27672, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207224 protein sequence Red =Cloning site Green =Tags(s)
	<p>MARGLPSTACLARFCQKLNRLKPLEESSMETSLRRCLSTLDLTLGIVGGMVGSGLYVLTGTVAKDMAGPA VLLSFLVAVASLLAALCYAEFGARVPRTGSAYLFTYVSMGEIWAFLIGWNVLEYLIGGAAVARAWSGY LDAIFNHSIRNFTESH LGVWQVPFLAHYPDFLAAGILLVASAFVSCGARVSSWLNHTFSAISLIVLFI VLGFILARPHNWSAEEGGFAPFGFSGILAGTATCFYAFVGFVDVIAASSEEAKNPRWAVPMAIAISLSLAA GAYILVSTVLTLMVPWHSLDPDSALADAFYRRGYSWAGFIVAVGSICAMNTVLLSNLFSLPRIYAMAAD GLFFQVFARVHPRTQPPGGGSSAAKEARHFPDPFGAPDSSPEHPSQHLPHAEAEPLDLATLYLLAAGRT CRVFWLWHLAQQGEPEGAIGADYSTLRGIPQR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	48.5 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
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.
Locus ID:	224022



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UniProt ID: [Q8BLQ7](#)

RefSeq Size: 1921

Cytogenetics: 16 A3

RefSeq ORF: 1356

Synonyms: MGC27672

Summary: Involved in the transport of the cationic amino acids (arginine, lysine and ornithine).
[UniProtKB/Swiss-Prot Function]