

## Recombinant Human SLC36A2, His-tagged

Cat. No. SLC36A2-2755H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SLC36A2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-70aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	SLC36A2 solute carrier family 36 (proton/amino acid symporter), member 2 [ Homo sapiens ]
<b>Official Symbol</b>	SLC36A2
<b>Synonyms</b>	SLC36A2; solute carrier family 36 (proton/amino acid symporter), member 2; proton-coupled amino acid transporter 2; PAT2; TRAMD1; tramdorin; tramdorin-1; FLJ16051; MGC119658; MGC119660;

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<b>Gene ID</b>	153201
<b>mRNA Refseq</b>	NM_181776
<b>Protein Refseq</b>	NP_861441
<b>MIM</b>	608331
<b>UniProt ID</b>	Q495M3
<b>Chromosome Location</b>	5q33.1
<b>Pathway</b>	Amino acid transport across the plasma membrane, organism-specific biosystem; Proton-coupled neutral amino acid transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small
<b>Function</b>	L-alanine transmembrane transporter activity; L-proline transmembrane transporter activity; glycine transmembrane transporter activity; hydrogen:amino acid symporter activity;

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