

Recombinant Human SLC15A2 Protein (N2-L729), 8×His-MBP, Flag tagged

Cat. No. SLC15A2-0913H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-MBP-TEV-(GG)-SLC15A2(N2-L729)-Flag Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	N2-L729
Description	Proton-coupled amino-acid transporter that transports oligopeptides of 2 to 4 amino acids with a preference for dipeptides (). Transports the dipeptide-like aminopeptidase inhibitor bestatin. Can also transport the aminocephalosporin antibiotic cefadroxil. Also able to transport carnosine. Involved in innate immunity by promoting the detection of microbial pathogens by NOD-like receptors (NLRs). Probably acts by mediating transport of bacterial peptidoglycans across the plasma membrane: catalyzes the transport of certain bacterial peptidoglycans, such as muramyl dipeptide (MDP), the NOD2 ligand.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%

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Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Formulation:
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	SLC15A2 solute carrier family 15 (H ⁺ /peptide transporter), member 2 [Homo sapiens (human)]
Official Symbol	SLC15A2
Synonyms	SLC15A2; solute carrier family 15 (H ⁺ /peptide transporter), member 2; solute carrier family 15 member 2; PEPT2; peptide transporter 2; kidney H(+)/peptide cotransporter; oligopeptide transporter, kidney isoform; FLJ33407;
Gene ID	6565
mRNA Refseq	NM_001145998
Protein Refseq	NP_001139470
MIM	602339
UniProt ID	Q16348

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