

Recombinant Human MCOLN1, His-tagged

MCOLN1-784H Human

Lot. No. (See product label)

Specification

Product Overview	Recombinant Human MCOLN1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Source	E.coli
Species	Human
Tag	His
Protein length	90-299aa
Storage	The protein is stored in PBS buffer at -20. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

Gene Information

Gene Name	MCOLN1 mucolipin 1 [Homo sapiens]
Official Symbol	MCOLN1
Synonyms	MCOLN1; mucolipin 1; mucolipin-1; ML4; MLIV; MST080; MSTP080; TRPM L1; TRPML1; mucolipidin; mucolipidosis type IV protein; MG-2; TRP-ML1; TRPM-L1;
Gene ID	57192
mRNA Refseq	NM_020533
Protein Refseq	NP_065394
MIM	605248
UniProt ID	Q9GZU1
Chromosome Location	19p13.2
Pathway	Iron uptake and transport, organism-specific biosystem; Lysosome, organism-specific biosystem; Lysosome, conserved biosystem; Transferrin endocytosis and recycling, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem;
Function	cation channel activity;

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