

Recombinant Human Solute Carrier Family 25 (mitochondrial carrier), Member 18

Cat. No. SLC25A18-338H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant humanSLC25A18 protein was expressed in E. coli and purified by using conventionalchromatography techniques.
Species	Human
Source	Human
Description	Human SLC25A18 is amember of the CXC family of chemokines. It also promotes neutrophilchemotaxis and degranulation.
Form	Lyophilized from 10 mMCH3COOH.
Purity	> 98% by SDS-PAGEand HPLC
Sequence	Region of GC2protein corresponding to amino acids: VLTELRCTCL RVTLRVNPKT IGKLQVFPAGPQCSKVEVVA SLKNGKQVCL DPEAPFLKKV IQKILDSGNK KN
Molecular Mass	7.9 kDa (109 aa),confirmed by MALDI-TOF.
Applications	Numerousapplications are possible with this product and should be tested by the enduser under their own laboratory conditions.
Storage	Store at 4 deg C forshort term storage (1/2 weeks). Aliquot and store at -20 deg C for long termstorage. Avoid repeated freeze/thaw cycles.

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OfficialSymbol	SLC25A18		
nullValue_other	Function	binding; symporteractivity	
GENE INFORMATION			
Gene Name	SLC25A18 solute carrier family25 (mitochondrial carrier), member 18 [Homo sapiens]		
Synonyms	SLC25A18; solutecarrier family 25 (mitochondrial carrier), member 18; GC2; mitochondrialglutamate carrier 2; GC-2; OTTHUMP00000196211; OTTHUMP00000196212;glutamate/H(+) symporter 2; solute carrier family 25 member 18; Mitochondrialglutamate carrier 2; Solute carrier family 25 member 18		
Gene ID	83733		
mRNA Refseq	NM_031481		
Protein Refseq	NP_113669		
MIM	609303		
UniProt ID	Q9H1K4		
Chromosome Location	22q11.2		
MitochondrialADP/ATP carrier.			