

Recombinant Human CLCN3 Full Length Transmembrane protein, His-tagged

Cat. No. CLCN3-0481H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CLCN3 protein(1-818aa)(P51790), fused to C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-818aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	93.2 kDa
AA Sequence	MASMTGGGQQMGRDPMESQLFHRGYRNSYNSITSASSDEELLDGAGVIMDFQTS EDDNLDDGDTAVGTHYTMNNGGSINSSTHLLDLLDEIPGVGTYDDFHTIDWVREKC KDRERHRRINSKKKESAWEMTKSLYDAWSGWLVTTLTGLASGALAGLIDIAADWMT DLKEGICLSALWYNHEQCCWGSNETTFEERDKCPQWKTWAEIIGQAEGPGSYIMN YIMYIFWALSFAFLAVSLVKVFAPYACGSGIPEIKTILSGFIIRGYLGKWTLMIKTITLVLA VASGLSLGKEGPLVHVACCCGNIFSYPKYSTNEAKKREVLSAASAAGVSVAFGAP IGGVLFSLLEVSYYFPLKTLWRSFFAALVAAFVLRSPFGNSRLVLFYVEYHTPWYL FELFPFILLGVFGGLWGGAFFIRANIAWCRRRKSTKFGKYPVLEVIIVAAITAVIAFPNPY

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TRLNTELKELFTDCGPLESSSLCDYRNDMNASKIVDDIPDRPAGIGVYSAIWQLCL
 ALIFKIIMTVFTFGIKVPSGLFIPSMAGIAIGRIVGIAVEQLAYYHHDWFIFKEWCEVGA
 DCITPGLYAMVGAAACLGGVTRMTVSLVVIVFELTGGLEYIVPLMAAVMTSKWVGDA
 FGREGIYEAHIRLNGYPFLDAKEEFTHHTLAADVMPRRNDPPLAVLTQDNMTVDDI
 ENMINETSYNGFPVIMSKESQRLVGFALRRDLTIAIESARKKQEGIVGSSRVCFAQHT
 PSLPAESPRPLKLSILDMSPTFTDHTPMEIVVDIFRKLGLRQCLVTHNGRLLGIITK
 KDILRHMAQTANQDPASIMFN

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [CLCN3 chloride channel, voltage-sensitive 3 \[Homo sapiens \]](#)

Official Symbol [CLCN3](#)

Synonyms CLCN3; chloride channel, voltage-sensitive 3; chloride channel 3; H(+)/Cl(-) exchange transporter 3; CIC 3; CLC3; chloride channel protein 3; chloride transporter CIC-3; CIC-3; DKFZp564I0463;

Gene ID [1182](#)

mRNA Refseq [NM_001243372](#)

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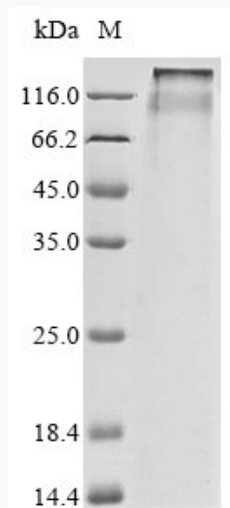
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Protein Refseq NP_001230301

MIM 600580

UniProt ID P51790

SDS-PAGE



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