

Recombinant Human H(+)/Cl(-) Exchange Transporter 3(Clc3) Protein, His-Tagged

Cat. No. RFL30363HF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Human H(+)/Cl(-) exchange transporter 3(CLCN3) Protein (P51790) (1-818aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Human

Source

E.coli

ProteinLength

Full Length (1-818aa)

Form

Lyophilized powder

AA Sequence

MASMTGGQQMGRDPMESQLFHRGYRNSYNSITSASSDEELLDGAGVIMDFQTS
EDDNLDDGDTAVGTHYTMNGGSINSSTHLLDLLDEPIPGVGTYYDDFHTIDWVREKC
KDRERHRRINSKKKESAWEMTKSLYDAWSGWLVTTLGLASGALAGLIDIAADWMT
DLKEGICLSALWYNHEQCCWGSNETTFFERDKCPQWKTWAEIIGQAEGPGSYIMN
YIMYIFWALSFAFLAVSLVKVFAPYACGSGIPEIKTILSGFIIRGYLGKWTLMIKTITLVLA
VASGLSLGKEGPLVHVACCCGNIFSYLFPKYSTNEAKKREVLSAASAAGVSVAFGAP
IGGVLFSLLEEVSYFPLKTLWRSFFAALVAAFVLR SINPFGNSRLVLFYVEYHTPWYL
FELFPFILLGVFGGLWGAFIRANIAWCRRRKSTKFGKYPVLEVIIVAAITAVIAFPNPY
TRLNTSELIKELFTDCGPLESSSLCDYRNDMNASKIVDDIPDRPAGIGVYSIAIWQLCL
ALIFKIIMTVFTFGIKVPSGLFIP SMAIGAIAGRIVGIAVEQLAYYHHDWFIFKEWCEVGA
DCITPGLYAMVGAAACLGGVTRMTVSLVVIVFELTGGLEYIVPLMAAVMTSKWVGDA
FGREGIYEAHIRLNGYPFLDAKEEFTHHTLAADV MRPRRNDPPLAVLTQDNMTVDDI

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ENMINETSYNGFPVIMSKESQRLVGFALRRDLTIAIESARKKQEGIVGSSRVCFQAQHT
 PSLPAESRPLKLR SILDMSPFTVTDHTPMEIVVDIFRKLGLRQCLVTHNGRLLGIITK
 KDILRHMAQTANQDPASIMFN Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name CLCN3

Synonyms CLCN3; H(+)/Cl(-) exchange transporter 3; Chloride channel protein 3; CIC-3; Chloride transporter CIC-3

UniProt ID [P51790](https://www.uniprot.org/uniprot/P51790)

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