

HDFP1249

Product Information

Product SKU:	HDFP1249	Expression Host:	HEK293	Size:	10µg
Target:	CLIC2	Tag:	C-Flag&Strep Tag		

Additional Information

Conjugate:	Unconjugated	Uniprot ID:	O15247
Molecular Weight:	The human full length CLIC2-Strep protein has a MW of 28.4 kDa		

Protein Information

Background: This gene encodes a chloride intracellular channel protein. Chloride channels are a diverse group of proteins that regulate fundamental cellular processes including stabilization of cell membrane potential, transepithelial transport, maintenance of intracellular pH, and regulation of cell volume. This protein plays a role in inhibiting the function of ryanodine receptor 2. A mutation in this gene is the cause of an X-linked form of cognitive disability. [provided by RefSeq, Jul 2017]

Synonyms: CLCNL2, CLIC2b, MRXS32, XAP121

Protein Description: Human CLIC2-Strep full length protein-synthetic nanodisc

Formulation: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions. Do not use solvents with a pH below 6.5 or those containing high concentrations of divalent metal ions (greater than 5 mM) in subsequent experiments.

Protein Pathways: -

Protein Families: Ion Channels: Other.

Usage: Research use only

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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