# Recombinant Full Length Human CLIC5 Protein, GST-tagged

**Cat. No.** CLIC5-2185HF **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human CLIC5 full-length ORF (BAG53413.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 410 amino acids |
| **Description** | This gene encodes a member of the chloride intracellular channel (CLIC) family of chloride ion channels. The encoded protein associates with actin-based cytoskeletal structures and may play a role in multiple processes including hair cell stereocilia formation, myoblast proliferation and glomerular podocyte and endothelial cell maintenance. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011] |
| **Molecular Mass** | 72.9 kDa |
| **AA Sequence** | MNDEDYSTIYDTIQNERTYEVPDQPEENESPHYDDVHEYLRPENDLYATQLNTHEY DFVSVYTIKGEETSLASVQSEDRGYLLPDEIYSELQEAHPGEPQEDRGISMEGLYSS TQDQQLCAAELQENGSVMKEDLPSPSSFTIQHSKAFSTTKYSCYSDAEGLEEKEGA HMNPEIYLFVKAGIDGESIGNCPFSQRLFMILWLKGVVFNVTTVDLKRKPADLHNLAP GTHPPFLTFNGDVKTDVNKIEEFLEETLTPEKYPKLAAKHRESNTAGIDIFSKFSAYIK NTKQQNNAALERGLTKALKKLDDYLNTPLPEEIDANTCGEDKGSRRKFLDGDELTLA DCNLLPKLHVVKIVAKKYRNYDIPAEMTGLWRYLKNAYARDEFTNTCAADSEIELAYA |

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| | DVAKRLSRS |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | CLIC5 chloride intracellular channel 5 [ Homo sapiens ] |
| **Official Symbol** | CLIC5 |
| **Synonyms** | CLIC5; chloride intracellular channel 5; chloride intracellular channel protein 5; MST130; MSTP130; FLJ90663 |
| **Gene ID** | 53405 |
| **mRNA Refseq** | NM_001114086 |
| **Protein Refseq** | NP_001107558 |
| **MIM** | 607293 |
| **UniProt ID** | Q9NZA1 |

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