

Large-conductance mechanosensitive channel (mscL) Recombinant Protein | mscL recombinant protein

Recombinant Escherichia coli Large-conductance mechanosensitive channel(mscL)

CATALOG #
AAA309817

HOST
E Coli

PRODUCT SYNONYMS

Large-conductance mechanosensitive channel (mscL); Recombinant Escherichia coli Large-conductance mechanosensitive channel(mscL); mscL recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Tris-based buffer,50% glycerol
Sequence Positions	Full Length,1-136aa
Sequence	MSIIKEFREF AMRGNVVDLA VGVIIGAAFG KIVSSLVADI IMPPLGLLIG GIDFKQFAVT LRDAQGDIPA VVMHYGVFIQ NVFDLIVAF AIFMAIKLIN KLNRRKKEEPA AAPAPTKEEV LLTEIRDLLK EQNNRS
Immunogen Description	Greater than 85% as determined by SDS-PAGE.
Target Name	mscL
Target Species	Escherichia coli O157:H7
Tag Info	N-terminal 6xHis-B2M-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

ADDITIONAL INFORMATION

Related Product Information for mscL recombinant protein	Channel that opens in response to stretch forces in the membrane lipid bilayer. May participate in the regulation of osmotic pressure changes within the cell (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15833410
NCBI Accession #	NP_312183.1
NCBI GenBank Nucleotide #	NC_002695.1
UniProt Accession #	P0A743 ; P23867
Molecular Weight	30.95kDa
NCBI Official Full Name	large-conductance mechanosensitive channel
UniProt Protein Name	Large-conductance mechanosensitive channel
UniProt Gene Name	mscL

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/mscl-recombinant-protein-e-coli/309817>