

# Human MYL5 (1-173 a.a.) Recombinant Protein



RPPB4036

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## Product Information    Protein Information

**Product SKU:**

RPPB4036

**Accession:**

Q02045

**Host:**

Escherichia Coli.

**Protein description:**

MYL5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 197 amino acids (1-173 a.a.) and having a molecular mass of 22.1kDa. MYL5 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Myosin light chain 5, Myosin regulatory light chain 5, Superfast myosin regulatory light chain 2, MYLC2, MyLC-2, MYL5.

**Formulation:**

MYL5 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMMASRKT KKKEGGALRA QRASSNVFSN FEQTQIQEFK EAFTLMDQNR  
DGFIDKEDLK DTYASLGKTN VKDDELDA ML KEASGPINFT MFLNLFGEKL SGTDAEETIL NAFKMLDPDG  
K GKINKEYIK RLLMSQADKM TAAEVDQMFQ FASIDVAGNLDYKALSYVIT HGEEKEE.