

# Human SEMG1 Recombinant Protein



RPPB4616

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## Product Information    Protein Information

**Product SKU:**

RPPB4616

**Accession:**

P04279

**Host:**

Escherichia Coli.

**Protein description:**

SEMG1 Human Recombinant produced in E. coli is a single polypeptide chain containing 462 amino acids (24-462) and having a molecular mass of 52kDa. SEMG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

CT103, dJ172H20.2, SEMG, SGI, Semenogelin-1, Semenogelin I, SEMG1.

**Formulation:**

The SEMG1 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 7.5), 0.5M NaCl, 10% glycerol, 250mM Imidazole, 0.1mM PMSF and 1mM DTT.

**Purity:**

Greater than 85% 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 MGSQKGGSKG RLPSEFSQFP HGQKGGHYSG QKGKQQTESK GSFSIQYTYH  
VDANDHDQSR KSQQYDLNAL HKTTKSQRHL GGSQQLLHNK QEGRDHDKSK GHFHRVVIHH KGGKAHRGTQ  
NPSQDQGNP SGKGISSQYS NTEERLWVHG LSKEQTSVSG AQKGRKQGGG QSSYVLQTEE LVANKQQRET  
KNSHQNKGHY QNVVEVREEH SSKVQTSLCP AHQDKLQHGS KDIFSTQDEL LVYNKNQHQT KNLNQDQQHG  
RKANKISYQS SSTEERLHY GENGVQKDVS QSSIYSQTEE KAQGKSQKQI TIPSQEQEHS QKANKISYQS  
SSTEERLHY GENGVQKDVS QRSIYSQTEK LVAGKSQIQ A PNPKQEPWHG ENAKGESGQS TNREQDLLSH  
EQKGRHQHGS HGGLDIVIIE QEDDSRHLA QHLNNDRNPL FT.