

MYOZ1, 1-299aa, Human, His tag, E.coli

Cat.NO.: TP03072

3th Edition

Synonyms:Myozenin-1, CS-2, FATZ, MYOZ

Description:MYOZ1 is primarily expressed in the skeletal muscle, and belongs to the myozenin family. Members of this family function as calcineurin-interacting proteins that help tether calcineurin to the sarcomere of cardiac and skeletal muscle. They play an important role in modulation of calcineurin signaling. Recombinant human MYOZ1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Molecular Weight:14.9kDa (129aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMPLSGTPAPNKKRKRSSKLIMELTGGGQESSGLNLGKKISVPRDVMLEELSLL
TNRGSKMFKLRQMRVEKFIYENHPDVFSDSSMDHFQKFLPTVGGQLGTAGQGFSYSKSNRGGGSQAGGSGSAG
QYGSDQQHHLGSGSGAGGTGGPAGQAGRGAAGTAGVGETGSGDQAGGEGKHITVFKTYISPWERAMGVDPQ
QKMELGIDLLAYGAKAELPKYKSFNRTAMPYGGYEKASKRMTFQMPKFDLGPLLSEPLVLYNQNLNRPSPFNRTPI
PWLSSGEPVDYNDIGIPLDGETEEL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.