

EMC2, 1-297aa, Human, His tag, E.coli

Cat.NO.: TP02012

3th Edition

Synonyms:ER membrane protein complex subunit 2, KIAA0103; TTC35

Description:EMC2 is a component of the ER membrane protein complex. The protein belongs to the EMC2 family and contains 3 TPR repeats. Recombinant human EMC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 40% glycerol, 2mM DTT

Molecular Weight:37.2 kDa (320aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMKVSLEYDVTWEEMRDKMRKWRENSRNSEQIVEVGEELINEYASKLGD
DIWIIYEQVMIAALDYGRDDLALFCLQELRRQFPGSHRVKRLTGMRFEAMERYDDAIQLYDRILQEDPTNTAARKRKI
AIRKAQGKNVEAIRELNEYLEQFVGQDEAWHELAELYINEHDYAKAAFCLEELMMTNPHNHLYCQQYAEVKYTQG
GLENLELSRKYFAQALKLNNRNMRALFGLYMSASHIASNPKASAKTKKDNMKYASWAASQINRAYQFAGRSKKET
KYSLKAVEDMLETQLITQS

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.