

ER Membrane Protein Complex Subunit 2 Human Recombinant

Item Number	rAP-3221
Synonyms	ER Membrane Protein Complex Subunit 2, KIAA0103, Tetratricopeptide Repeat Domain 35, Tetratricopeptide Repeat Protein 35, TPR Repeat Protein 35, TTC35.
Description	EMC2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 320 amino acids (1-297) and having a molecular mass of 37.2kDa. EMC2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q15006
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMKVSEL YDVTWEEMRD KMRKWREENS RNSEQIVEVG EELINEYASK LGDDIWIIYE QVMIAALDYG RDDLALFCLQ ELRRQFPGSH RVKRLTGMRF EAMERYDDAI QLYDRILQED PTNTAARKRK IAIRKAQGKN VEAIRELNEY LEQFVGDQEA WHELAEALYIN EHDYAKAAFC LEELMMTNPH NHLVCQQYAE VKYTQGGLEN LELSRKYFAQ ALKLNRRNMR ALFGLYMSAS HI- ASNPKASA KTKKDNMKYA SWAASQINRA YQFAGRSKKE TKYSLKAVED MLETLQITQS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	The EMC2 solution contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 2mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**