

32-5104: Recombinant Human Translocase Of Outer Mitochondrial Membrane 34

Alternative Name : HTOM34P,TOM34,URCC3,Mitochondrial import,TOMM34 receptor subunit TOM34,hTom34,Translocase of outer membrane 34 kDa subunit.

Description

Source : Escherichia Coli. TOMM34 Human Recombinant produced in E. coli is a single polypeptide chain containing 332 amino acids (1-309) and having a molecular mass of 36.9kDa. TOMM34 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Translocase of Outer Mitochondrial Membrane 34 (TOMM34) which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane is involved in the import of precursor proteins into mitochondria. TOMM34 has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. TOMM34 has a weak ATPase activity and contains 6 TPR repeats.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The TOMM34 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
Storage condition : 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 : MGSSHHHHHH SSGLVPRGSH MGSMAKFPD SVEELRAAGN ESRNGQYAE ASALYGRALR
VLQAQGSSDP EEESVLYSNR AACHLKDGNCRDCIKDCTSA LALVPFSIKP LLRRASAYEA LEKYPMAYVD
YKTVLQIDDN VTSAVEGINR MTRALMDSLGLPEWRLKLPSI PLVPVSAQKR WNSLPSENHK EMAKSKSKET
TATKNRVPSA GDVEKARVLK EEGNELVKKGNHKKAIKYS ESSLCSNLES ATYSNRALCY LVLKQYTEAV
KDCTEALKLD GKNVKAFYRR AQAHKALKDY KSSFADISNL LQIEPRNGPA QKLRQEVKQN LH.