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TOMM34, 1-309aa, Human, His tag, E.coli

产品货号: TP04275

第三版

别名:mitochondrial import receptor subunit TOM34, HTOM34P, TOM34, URCC3

描述:TOMM34 is involved in the import of precursor proteins into mitochondria. The protein has a chaperone-like activity, binding the mature portion of unfolded proteins and aiding their import into mitochondria. This protein, which is found in the cytoplasm and sometimes associated with the outer mitochondrial membrane, has a weak ATPase activity and contains 6 TPR repeats. Recombinant human TOMM34 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

分子量:36.9kDa (332aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAPKFPDSVEELRAAGNESFRNGQYAEASALYGRALRVLQAQGSSDPEEESVLYSN
RAACHLKDGNCRCIKDCTSALALVPFSIKPLLRASAYEAEKYPMAYVDYKTVLQIDDNVTSAVEGINRMTRALMDSL
GPEWRLKLPSIPLVPVSAQKRWNSLPSENHKEMAKSKSKETTATKNRVPSAGDVEKARVLKEEGNELVKKGNHKKAIKEY
SESLLCNLESATYSNRALCYLVLKQYTEAVKDCTEALKLDGKNVKAFYRRAQAHKALKDYKSSFADISNLLQIEPRNGPAQ
KLRQEVKQNLH

纯度:> 95% by HPLC

浓度:0.25mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.