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M6PR, 27-185aa, Human, His tag, E.coli

产品货号: TP02872

第三版

别名:Cation-dependent mannose-6-phosphate receptor isoform 1, CD-MPR, MPR 46, MPR-46, MPR46, SMPR

描述:M6PR is a member of the P-type lectin family. P-type lectins play a critical role in lysosome function through the specific transport of mannose-6-phosphate-containing acid hydrolases from the Golgi complex to lysosomes. This protein functions as a homodimer and requires divalent cations for ligand binding. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome X. Recombinant human M6PR 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, 10% glycerol, 1mM DTT

分子量:20.3kDa (182aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSTEEKTCDLVGEKKGKESEKELALVKRLKPLFNKSFESTVGQGSPTYIYIFRVCREAGN
HTSGAGLVQINKSNGKETVVGRLNETHIFNGSNWIMLIYKGGDEYDNHCGKEQRRVVMISCNRHTLADNFPVSEER
GKVQDCFYLFEMDSSLACSPESH

纯度:> 95% by HPLC

浓度:0.5 mg/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.