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GOLM1, 36-401aa, Human, His tag, E.coli

产品货号: TP02302

第三版

别名: Golgi membrane protein 1, bA379P1.3, C9orf155, GOLPH2, GP73, PSEC0257

描述: Golgi membrane protein 1, also known as GOLM1, is a type II Golgi transmembrane protein. It processes protein synthesized in the rough endoplasmic reticulum and assists in the transport of protein cargo through the Golgi apparatus. The expression of this encoded protein has been observed to be upregulated in response to viral infection. Furthermore, because GOLM1 is so uniquely regulated in cells, it can be successfully used as a clinically relevant molecular biomarker for cancer. Recombinant human GOLM1 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 0.1M NaCl, 20% glycerol, 1mM DTT

分子量: 44kDa (389aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSSRSVDLQTRIMELEGRVRRAAERGAVELKKNEFQGELEKQREQLDKIQSSHNFQ
LESV NKLYQDEKAVLVN NIT TGERLIRVLQDQLKTLQRNYGRLQQDVLQFQKNQTNLERKFSYDLSQCINQMKEVKEQC
EERIEEVTKKGNEAVASRD LSENNDQRQQLQALSEPQPR LQAAGLPHT EVPQGKGNVLGNSKSQTPAPSS E VVLDSKRQV
EKEETNEIQVVNEEPQRDRLPQEPGREQVVEDRPVGGRGFGGAGELGQTPQVQAALSVSQENPEMEGPERDQLVIPDGQ
EEEQEAAAGEGRNQQKLRGEDDYNMDENEAESETDKQAALAGNDRNIDVFNVEDQKRDTINLLDQREKRNHTL

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.