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SSR1, 22-207aa, Human, His tag, E.coli

产品货号: TP04037

第三版

别名:Translocon-associated protein subunit alpha precursor, Signal sequence receptor, alpha, TRAPA

描述:The signal sequence receptor (SSR) is a glycosylated endoplasmic reticulum (ER) membrane receptor associated with protein translocation across the ER membrane. The SSR consists of 2 subunits, a 34-kD glycoprotein encoded by this gene and a 22-kD glycoprotein. This gene generates several mRNA species as a result of complex alternative polyadenylation. This gene is unusual in that it utilizes arrays of polyA signal sequences that are mostly non-canonical. Recombinant human SSR1 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(pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量:23.1kDa (209aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHSSGLVPRGSHMGSRGGPRGLLAVAQDLTEDEETVEDSIIEDDEDDEAEVEEDEPTDLVEDKEEEDVSGEPE
ASPSADTTILFVKGEDFPANNIVKFLVGFTNKGTEDFIVESLDASFRYPQDYQFYIQNFTALPLNTVPPQRQATFEYSFIPAE
PMGGRPFGLVINLNYKDLNGNVFQDAVFNQTVTVIEREDGLDGET

纯度:> 95% by HPLC

浓度:0.25 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.