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OMP, 1-163aa, Human, His tag, E.coli

产品货号: TP03253

第三版

别名:Olfactory marker protein , olfactory neuronal-specific protein

描述:Olfactory marker protein, also known as OMP, is uniquely associated with the mature olfactory receptor neurons in many vertebrate species from fish to man. It is expressed in the cytoplasm of olfactory chemosensory neurons in the nasal neuroepithelium. OMP expression is a sign of mature vertebrate olfactory receptor neurons (ORNs). OMP may have a modulatory role in the odor detection/signal transduction cascade. In fetal olfactory epithelial cells, OMP is also a potent enhancer of mitosis, and it promotes an increase in uptake of tritiated thymidine in liver. Recombinant human OMP 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, 10% glycerol, 1mM DTT

分子量:21.3 kDa (186aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM AEDRPQQPQLDMPLVLDQGLTRQMRLRVESLKQRGEKRDGEKLLQPAESVYR
LNFTQQRLQFERWNVVLDKPGKVTITGTSQNWTPDLTNLMTRQLLDPTAIFWRKEDSDAIDWNEADALEFGERLSDLA
KIRKVMYFLVTFGEGVEPANLKASVVFNQL

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by BCA 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.