

Recombinant Human FOLR1 Protein

Cat No. :KF-P2145

表达系统: Baculovirus-Insect Cells

蛋白结构序列: 26-234aa

蛋白编号: P15328

产品别称: Folate receptor alpha, FOLR1, FBP, FOLR

分子量: 25.6kDa (218aa), 28-40kDa (SDS-PAGE under reducing conditions.)

纯度: >90% as determined by SDS-PAGE.

内毒素: ≤10EU/mg as determined by LAL test.

标签:

冻干 Buffer: Phosphate buffered saline (pH7.4) containing 0.01% sarcosyl, 5%Trehalose

复溶方式: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

运输条件: 2-8℃

保存条件: Aliquot and store at -20℃ to -80℃ for up to 6 months, buffer containing 50% glycerol is recommen

生物活性: 待查。

功能: 与叶酸和还原的叶酸衍生物结合, 并将 5-甲基四氢叶酸和叶酸类似物输送到细胞内部 (PubMed:19074442, PubMed:23851396, PubMed:23934049, PubMed:2527252, PubMed:8033114, PubMed:8567728)。在中性 pH 下对叶酸和叶酸类似物具有高亲和力 (PubMed:23851396, PubMed:23934049, PubMed:2527252, PubMed:8033114, PubMed:8567728)。受体吞入后在稍微酸性的 pH 条件下暴露, 触发构象变化, 大大降低其对叶酸的亲和力, 并促进其释放 (PubMed:8567728)。正常胚胎发育和正常细胞增殖所必需 (根据相似性)。

仅供科研或生产使用, 不可直接应用于人体。