CHAMOT

Recombinant Human ENO1

CM179-5HP
CM179-20HP
CM179-100HP
CM179-500HP
CM179-1000HP

CHAMOT
喬默生物技術(上海)有限公司
CHAMOT BIOTECHNOLOGY CO. LTD.

CONTENT

Recombinant Human ENO1

编号:	CM179-5HP CM179-20HP CM179-100HP CM179-500HP CM179-1000HP	规格:	5 μg 20 μg 100 μg 500 μg 1 mg
类别:	重组蛋白	应用:	Functional Assay

产品简介

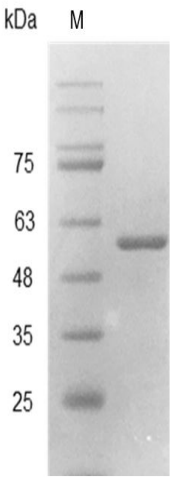
描述: Enolase 1 (ENO1) also named alpha-enolase which is a glycolytic enzyme. It could convert the NAD+ to NADH by producing two ATP. ENO1 is a homodimer which is composed by two isozymes of enolase (2 α, 2 ν, or 2 β). It also plays an important role in cancer model which can promote tumor cell proliferation and migration by the PI3K signaling pathway. ENO1 is a biomarker of prognostic and diagnostic cancer.

来源: *Escherichia coli*

纯度: >98% as determined by SDS-PAGE. Ni-NTA chromatography.

内毒素检测: <0.1 EU per 1 μg of the protein by the LAL method.

蛋白序列: SILKIHAREIFDSRGNPTVEVDLFTSKGL FRAAVPSGASTGIYEALELRDNDKTRY MGKGVSKAVEHINKTIAPALVSKKLN VTEQEKIDKLMIEMDGTENKSKFGAN AILGVSLAVCKAGAVEKGVPLYRHIAD LAGNSEVILPVPAFNVINGGSHAGNK LAMQEFMILPVGAANFREAMRIGAEV YHNLKNVIKEKYGKDATNVGDEGGFA PNILENKEGLELLKTAIGKAGYTDKVVI GMDVAASEFFRSGKYDLDFKSPDDPS RYISPDQLADLYKSFIKDYPVVSIEDPF DQDDWGAWQKFTASAGIQVVGDDL TVTNPKRIAKAVNEKSCNCLLLKVNQI



SDS-PAGE analysis of recombinant human ENO1

GSVTESLQACKLAQANGWGVMVSHRS
GETEDTFIADLVVGLCTGQIKTGAPCRSE
RLAKYNQLLRIEEELGSKAKFAGRNFRN
PLAK with polyhistidine tag at the N-terminus

产品组成

成分：从含有 1X PBS, containing 7 mM MgSO4，pH 7.2溶液中冻干的蛋白质.

产品储存/运输

产品形式	储存温度	储存时间
冻干粉	-20℃至-80℃	自收到之日起1年
重悬液（初始）	2℃至8℃	不超过1周
重悬液（经稀释）	-20℃至-80℃	3到6个月

运输方式：蓝冰

产品使用

1、开盖前，建议3000-3500rpm离心5min。

2、推荐使用无菌水重悬冻干粉，溶液浓度不低于100μg/mL，不高于1mg/mL，并室温静置至少20min以充分溶解 。勿涡旋剧烈振荡。

3、重悬后的溶液，2 -8℃无菌保存不超过1周。

4、如需长期保存，推荐使用无菌的含载体蛋白（如0.1% BSA、10%FBS 或5%HSA ）的溶液进一步稀释(不低于10ug/mL) 后分装保存，-20℃至 -80℃无菌保存3到6个月。无血清实验需求时，可更换为 5%海藻糖溶液作为载体。避免反复冻融。

WB= Western Blot; IP= Immunoprecipitation; IF= Immunofluorescence; IHC= Immunohistochemistry; FACS= Fluorescence activated Cell Sorting; FA= Functional Assay