

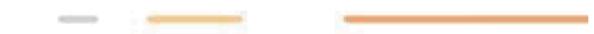
CHAMOT

重组人类烯醇化酶1 /Recombinant ENO1, Human, Animal-Free

CM179-5HP



CM179-20HP



CM179-100HP



CM179-500HP



CM179-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

CONTENTS

1 产品简介

2 产品使用

3 产品储存/运输

4 实验数据展示

重组人类烯醇化酶1 /Recombinant ENO1, Human, Animal-Free

产品编号	CM179-5HP	CM179-20HP	CM179-100HP	CM179-500HP	CM179-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述	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 β , or 2 γ). 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.
别称	enolase 1, NNE, PPH, MPB1, ENO1L1, HEL-S-17
蛋白编码	P06733
分子量	The protein has a calculated MW of 47.85 kDa. The protein migrates as 55 kDa under reducing condition (SDS-PAGE analysis).
表达系统	Escherichia coli
纯度	>98% as determined by SDS-PAGE.
生物活性	Testing in process
内毒素检测	<0.1 EU per 1 µg of the protein by the LAL method.
蛋白序列	SILKIHAREIFDSRGNPTVEVDLFTSKGLFRAAVPSGASTGIYEALELRDNDKTRYMKGVSKAV EHINKTIAPALVSKKNVTEQEKIDKLMIEDGTTENKSFKFGANAILGVSLAVCKAGAVEKGVPLY RHIADLAGNSEVILPVPAFNVINGGSHAGNKLAMQEFLPVGAANFREAMRIGAEVYHNLK NVIKEKYGKDATNVGDEGGFAPNILENKEGLELLKTAIGKAGYTDKVVIGMDVAASEFFRSGKY DLDFKSPDDPSRYISPQDQLADLYKSFIKDYPVVSIEDPFDQDDWGAWQKFTASAGIQVVGDDL TVTNPKRIAKAVNEKSCNLLLKVNQIGSVTESLQACKLAQANGWGVMVSHRSGETEDTFIA DLVVGLCTGQIKTGAPCRSERLAKYNQLLRIEEELGSKAKFAGRNRNPLAK with polyhistidine tag at the N-terminus
产品形式	The protein was lyophilized from a 0.2 µm filtered solution containing 7 mM MgSO ₄ in 1X PBS, pH 7.2. If you have any concerns or special requirements, please confirm with us.

产品使用

1. Before opening, centrifuge at 3000 rpm for 5 mins.

2. Initial Reconstitution

- Reconstitute the Lyophilized Protein in sterile H₂O to a concentration of 100-200 µg/mL.
- Then, incubate it at room temperature for at least 20 mins to ensure sufficient dissolution.
Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.
- Store at 2°C to 8°C for up to 1 week.

3. Extended Storage

- After the initial reconstitution, further dilute the reconstituted protein in a buffer containing a carrier protein or stabilizer (e.g., 0.1% BSA, 10% FBS, 5% HSA, or 5% trehalose solution). The final concentration is not less than 10 µg/ml.
- Prepare aliquots ($\geq 20 \mu\text{l}$).
- Store at -20°C or -80°C for 3 to 6 months.

Avoid repeated freeze-thaw cycles.

产品储存/运输

Lyophilized Protein: Store at -20°C for 1 year.

储存

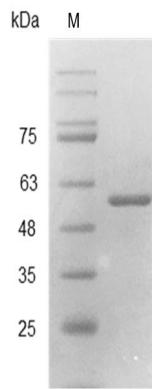
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

Extended Storage: Store at -20°C or -80°C for 3 to 6 months with a carrier protein or stabilizer.

运输

Blue Ice

实验数据展示



SDS-PAGE analysis of recombinant human ENO1

For Research Use or Further Manufacturing Only

Chamot Biotechnology(Shanghai) Co., Ltd. www.chamot-bio.com

Tel: 021-51880030 Mail: info@chamot-bio.com QQ: 864920491