

CHAMOT

重组人胶质纤维状酸性蛋白 /Recombinant GFAP,
Human, AF

CM190-5HP

CM190-20HP

CM190-100HP

CM190-500HP

CM190-1000HP



CHAMOT

乔默®生物

Specialize In Cytokines

CONTENT

1

产品简介

2

产品使用

3

产品储存/运输

4

实验数据展示

重组人胶质纤维状酸性蛋白 /Recombinant GFAP, Human, AF

产品编号	CM190-5HP	CM190-20HP	CM190-100HP	CM190-500HP	CM190-1000HP
规格	5 µg	20 µg	100 µg	500 µg	1 mg

产品简介

背景描述 GFAP (Glial Fibrillary Acidic Protein) is a protein primarily found in CNS astrocytes. Increased GFAP immunoreactivity indicates gliosis, a response to neural damage. GFAP defects cause Alexander disease, a rare CNS disorder with astrocytic Rosenthal fiber accumulation. The infantile form leads to myelination failure and early mortality, while the juvenile or adult forms present with ataxia, bulbar signs, spasticity, progressing more gradually.

别称	Glial fibrillary acidic protein
蛋白编码	P14136
分子量	The protein has a calculated MW of 51 kDa. The protein migrates as 50-55 kDa under reducing condition (SDS-PAGE analysis).
表达系统	Escherichia coli
纯度	>98% as determined by SDS-PAGE analysis.
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	A DNA sequence encoding Human GFAP Protein (#P14136)(Met1-Met432) was expressed with polyhistidine tag at the C-terminus.
产品形式	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 7.4. If you have any concerns or special requirements, please confirm with us.
产品应用	Cell Culture

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

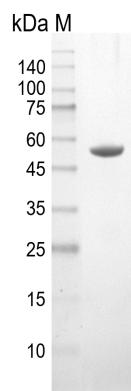
Initial Reconstitution: Store at 2°C to 8°C for up to 1 week.

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 GFAP

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