

Recombinant Human Fumarase Protein

Catalog No.: RP03229LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	2271	P07954

Tags

No tag

Synonyms

Fumarate Hydratase Mitochondrial;
Fumarase; FH

Product Information

Source	Purification
E.coli	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution of 20 mM Tris-HCl, pH 8.0. Contact us for customized product form or formulation.

Reconstitution

Background

Fumarase is an enzyme that catalyze the reversible hydration/dehydration of fumarate to S-malate and is involved in the tricarboxylic acid or Krebs cycle. Fumarase exists in both form, cytosolic form and N-terminal extend mitochondrial form. The N-terminal extended form is targeted to the mitochondrion, where the removal of the extension is the same form as in the cytoplasm. Fumarase is thought to act as a tumor suppressor, which deficiency can lead to progressive encephalopathy, cerebral atrophy and development delay.

Basic Information

Description

Recombinant Human Fumarase Protein is produced by E.coli expression system. The target protein is expressed with sequence (Ala45-Lys510) of human Fumarase (Accession #P07954) fused with No tag.

Bio-Activity

Storage

Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

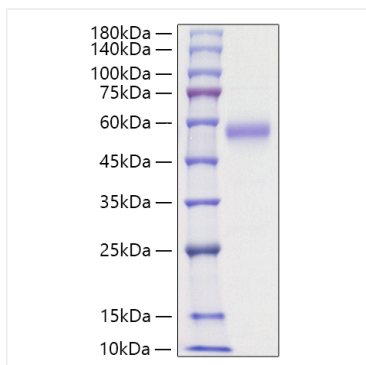
Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Validation Data



Recombinant Human Fumarase Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 45-50 kDa.