

FAM172A Protein, Human, Recombinant (His)

General Information

Synonyms:	Protein FAM172A;C5orf21
Protein Construction:	Gln19-Leu416
Species:	Human
Expression Host:	HEK293 Cells
Accession:	Q8WUF8
Molecular Weight:	40-60 KDa (reducing condition)
AA Sequence:	Gln19-Leu416

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM PB, 150 mM NaCl, pH 7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

FAM172A is encoded by FAM172A gene. It is a 416 aa. protein, and belongs to the UPF0528 family. This protein has 4 isoforms produced by alternative splicing. There is a natural variant location which is S131N. FAM172A has a 18 aa. signal peptide which helps it to be secreted protein.

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