

Human Caspase-14/CASP14 (His Tag) recombinant protein



Catalog Number: 500332

General Information

Gene Name Synonym

Caspase-14; cDNA, FLJ94644, Homo sapiens caspase 14, apoptosis-related cysteine protease(CASP14)

Protein Construction

A DNA sequence encoding the human CASP14 (NP_036246.1) (Ser 2-Gln 242) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to bind biotinylated Cynomolgus IL18 (Cat:504593) in a functional ELISA.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human CASP14 consisting of 248 amino acids and has a calculated molecular mass of 28.5 kDa. The apparent molecular mass of the protein is approximately 30 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

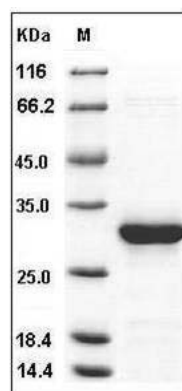
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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