

Cathepsin F Protein, Human, Recombinant (His)

General Information

Synonyms: Cathepsin F;CATSF;CTSF

Protein Construction: 273-484 aa

Species: Human

Expression Host: E. coli

Accession: Q9UBX1

Molecular Weight: 27.4 kDa (predicted)

AA Sequence: PEWDWRSKGAVTKVKDQGMCGSCWAFSVTGNVEGQWFLNQGTLLSLSEQELLDCDKMDKACMGGLPSNA
YSAIKNLGGLETTEDDYSYQGHMQSCNFSAEKAKVYINDSVELSQNEQKLAAWLAKRGPISVAINAFGMQFYR
HGISRPLRPLCSPWLIDHAVLLVGYGNRSDVPPFWAIKNSWGTDWGEKGYYYLHRGSGACGVNTMASSAVVD

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: > 90% as determined by SDS-PAGE.

Endotoxin: < 1.0 EU/μg of the protein as determined by the LAL method.

Formulation: Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

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

Thiol protease which is believed to participate in intracellular degradation and turnover of proteins. Has also been implicated in tumor invasion and metastasis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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