

Recombinant Human CAPN8 protein(1-703aa)

Cat. No. CAPN8-754H Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------|--|
| Product Overview | Recombinant Human CAPN8 protein(A6NHC0)(1-703aa) was expressed in E.coli. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-703aa |
| Form | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| Molecular Mass | 79.1 kDa |
| Purity | Greater than 85% as determined by SDS-PAGE. |
| Storage | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. |
| Reconstitution | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |
| AA Sequence | MAAQAAGVSRQRAATQGLGSNQNALKYLGQDFKTLRQQCLDSGVLFKDPEFPACP |

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SALGYKDLGPGSPQTQGIIWKRPTLCPSPQFIVGGATRTRDICQGGLGDCWLLAAIA
 SLTLNEELLYRVVPRDQDFQENYAGIFHFQFWQYGEWVEVVIDDRLPTKNGQLLFL
 HSEQGNEFWSALLEKAYAKLNGCYEALAGGSTVEGFEDFTGGISEFYDLKKPPANL
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 LGRDFFLAYQPSARTSTYVNLREVSGRARLPPGEYLVPSTFEPFKDGEFCLRVFSE
 KKAQALEIGDVVAGNPYEPHPSEVDQEDDQFRRLFELAGKDSEITANALKILLNEAF
 SKRTDIKFDGFNINTCREMISLLDSNGTGTLGAVEFKTLWLKIQKYLEIYWETDYNHS
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 LDEDKDG MVQLSLAEWLCCVLV

GENE INFORMATION

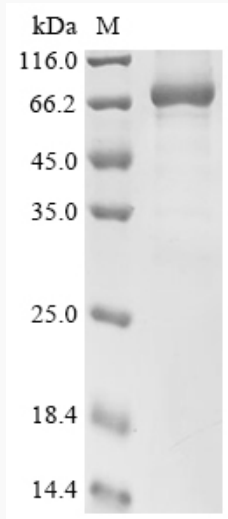
| | |
|------------------------|--|
| Gene Name | CAPN8 calpain 8 [Homo sapiens] |
| Official Symbol | CAPN8 |
| Synonyms | CAPN8; calpain 8; calpain 8 (nCL 2); nCL 2; nCL-2; |
| Gene ID | 10754 |
| UniProt ID | A6NHC0 |

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SDS-PAGE



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