

## Animal-Free CHI3L1 Protein, Human (His)

Cat. No.:	HY-P700039AF
Synonyms:	Chitinase-3-Like protein 1; 39 kDa Synovial Protein; Cartilage Glycoprotein 39; CGP-39; GP-39; hCGP-39; YKL-40; CHI3L1
Species:	Human
Source:	E. coli
Accession:	P36222 (Y22-T383)
Gene ID:	1116
Molecular Weight:	Approximately 41.43 kDa

### PROPERTIES

AA Sequence	<pre> MYKLVCCYYTS    WSQYREGDGS    CFPDALDRFL    CTHIIYSFAN ISNDHIDTWE     WNDVTLYGML    NTLKNRNPNL    KTLLSVGGWN FGSQRFSKIA     SNTQSRRTFI    KSVPPFLRTH    GFDGLDLAWL YPGRRDKQHF     TTLIKEMKAE    FIKEAQP GKK   QLLLSAALSA GKVTIDSSYD     IAKISQHLDF    ISIMTYDFHG    AWRGTTGHHS PLFRGQEDAS     PDRFSNTDYA    VGYMLRLGAP    ASKLVMGIPT FGRSFTLASS     ETGVGAPISG    PGIPGRFTKE    AGTLAYYEIC DFLRGATVHR     ILGQQVPYAT    KGNQWVG YDD   QESVKSKVQY LKDRQLAGAM     VWALDLD DDFQ  GSFCGQDLRF    PLTNAIKDAL AAT           </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a solution containing 1X PBS, pH 7.4.
Endotoxin Level	<0.1 EU per 1 µg of the protein by the LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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