

## Product datasheet for **AR50786PU-S**

### CHI3L1 (1-383, Myc-His-tag) Human Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	CHI3L1 (1-383, Myc-His-tag) human recombinant protein, 10 µg
<b>Species:</b>	Human
<b>Expression cDNA Clone or AA Sequence:</b>	MGVKASQTGF WLVLLQCCS AYKLVCCYTS WSQYREGDGS CFPDALDRFL CTHIIYSFAN ISNDHIDTWE WNDVTLYGML NTLKRNPNL KTLLSVGGWN FGSQRFSKIA SNTQSRRTFI KSVPPFLRTH GFDGLDLAWL YPGRRDKQHF TLLIKEMKAE FIKEAQPGKK QLLLSAALSA GKVTIDSSYD IAKISQHLDF ISIMTYDFHG AWRGTTGHHS PLFRGQEDAS PDRFSNTDYA VGMYMLRLGAP ASKLVMG IPT FGRSFTLASS ETGVGAPISG PGIPGRFTKE AGTLAYYEIC DFLRGATVHR ILGQQVPYAT KGNQWVG YDD QESVKSQVQY LKDRQLAGAM VWALDLDLDFQ GSFCGQDLRF PLTNAIKDAL AATKLGPEQK LISEEDLNSA VDHHHHHH
<b>Tag:</b>	Myc-His-tag
<b>Predicted MW:</b>	45.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>90% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate -Buffered Saline (pH 7.4)
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human CHI3L1 protein was expressed with C-terminal myc-His-tag in CHO(chinese hamster ovary) cells using mammalian expression system and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001267</a>
<b>Locus ID:</b>	1116
<b>UniProt ID:</b>	<a href="#">P36222</a> , <a href="#">A0A024R969</a>
<b>Cytogenetics:</b>	1q32.1



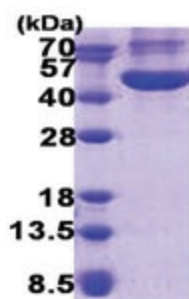
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**Synonyms:** ASRT7; CGP-39; GP-39; GP39; HC-gp39; HCGP-3P; hCGP-39; YK-40; YKL-40; YKL40; YYL-40

**Summary:** Chitinases catalyze the hydrolysis of chitin, which is an abundant glycopolymer found in insect exoskeletons and fungal cell walls. The glycoside hydrolase 18 family of chitinases includes eight human family members. This gene encodes a glycoprotein member of the glycosyl hydrolase 18 family. The protein lacks chitinase activity and is secreted by activated macrophages, chondrocytes, neutrophils and synovial cells. The protein is thought to play a role in the process of inflammation and tissue remodeling. [provided by RefSeq, Sep 2009]

**Protein Families:** Secreted Protein

**Product images:**



15% SDS-PAGE (3ug)