



Recombinant Human CHI3L1 Protein (DAG-P031)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Recombinant Human CHI3L1 protein is produced by Mammalian expression system and the target gene encoding (Tyr22-Thy383) is expressed with a HIS tag at the C-terminus
Purity	>95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	42.2kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	PBS, pH7.4
Preservative	None
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

BACKGROUND

Introduction	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
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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.

Keywords

CHI3L1; chitinase 3-like 1 (cartilage glycoprotein-39); GP39; ASRT7; GP-39; YKL40; CGP-39; YKL-40; YYL-40; HC-gp39; HCGP-3P; hCGP-39; chitinase-3-like protein 1; 39 kDa synovial protein; cartilage glycoprotein 39
