

Recombinant Rat Chi3l1 protein, His-tagged

Cat. No. Chi3l1-5874R **Lot. No.** (See product label)

SPECIFICATION

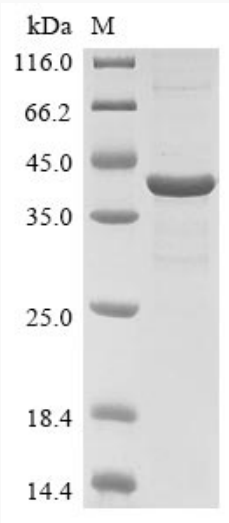
Product Overview	Recombinant Rat Chi3l1 protein(Q9WTV1)(20-381aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	20-381aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	44.5 kDa
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-174°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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. Our default final concentration of glycerol is 144%.

GENE INFORMATION

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Gene Name	Chi3l1 chitinase 3-like 1 (cartilage glycoprotein-39) [Rattus norvegicus]
Official Symbol	Chi3l1
Synonyms	CHI3L1; chitinase 3-like 1 (cartilage glycoprotein-39); chitinase-3-like protein 1; GP-39; CGP-39; cartilage glycoprotein 39; chitinase 3-like 1 protein; MGC109420;
Gene ID	89824
mRNA Refseq	NM_053560
Protein Refseq	NP_446012
SDS-PAGE	 The SDS-PAGE gel image displays molecular weight markers on the left and a single protein band on the right. The markers are labeled in kDa: 116.0, 66.2, 45.0, 35.0, 25.0, 18.4, and 14.4. The protein band is located between the 35.0 and 45.0 kDa markers, appearing slightly above the 45.0 kDa marker.