

Product Information

Recombinant Mouse Chi3l1, His tagged

Product Information

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| Catalog# | MK0163M |
| Product Name | Recombinant Mouse Chi3l1, His tagged |
| Product Overview | Recombinant Mouse Chi3l1 (Q61362) extracellular domain (Met 1-Ala 381), fused with a C-terminal polyhistidine tag, was produced in Human Cell. |
| Description | Chi3l1 is a secretory glycoprotein and member of the chitinase protein family. It is associated with late stages of monocyte to macrophage maturation. Human Chi3l1 is a 39-kDa glycoprotein secreted by articular chondrocytes, synoviocytes and macrophages. Increased levels of Chi3l1 have been demonstrated in synovial fluids of patients with rheumatoid or osteoarthritis. |
| Source | HEK293 cells |
| Species | Mouse |
| Tag | His |
| Formulation | Lyophilized from a 0.2µm filtered solution of PBS, pH 7.4. |
| Storage | Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles. |
| Reconstitution | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents. |
| Molecular Mass | The secreted recombinant mouse CHI3L1 comprises 371 amino acids and has a calculated molecular mass of 42.3 kDa. As a result of glycosylation, the apparent molecular mass of rmCHI3L1 is approximately 50 kDa in SDS-PAGE under reducing conditions. |
| Stability | Samples are stable for up to twelve months from date of receipt at -70°C. |
| Endotoxin | Less than 1.0 EU per µg as determined by the LAL method. |
| Notes | Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles. |