

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Recombinant Human CD5L (C-6His) EBT-EPT306

Article Name	Recombinant Human CD5L (C-6His)
Biozol Catalog Number	EBT-EPT306
Supplier Catalog Number	EPT306
Alternative Catalog Number	EBT-EPT306-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human CD5 Antigen-Like is produced by our Mammalian expression system and the target gene encoding Ser20-Gly347 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 37.09 KDa. Apparent molecular weight: 38-50 KDa, reducing conditions
UniProt	O43866
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: CD5 Antigen-Like (CD5L) is a soluble protein that belongs to group B of the scavenger receptor cysteine-rich (SRCR) superfamily and contains three SRCR domains. CD5L is a secreted glycoprotein and expressed by macrophages present in lymphoid tissues. It binds to myelomonocytic and lymphoid cells and may play an important role in the regulation of the innate and adaptive immune systems. CD5L functions as a pattern recognition molecule by binding both lipoteichoic acid (LTA) on Gram positive and lipopolysaccharide (LPS) on Gram-negative bacteria and the SRCR domain one of CD5L retains both the LPS and LTA binding activities. Furthermore, CD5L seems to play a role as an inhibitor of apoptosis