

## Product datasheet for **TP726891**

### Cd5l Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse CD5 Antigen-Like/CD5L/SP1±/AIM (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu22-VaL352
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse CD5 antigen-like is produced by our Mammalian expression system and the target gene encoding Glu22-VaL352 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	11801
UniProt ID:	<a href="#">Q9QWK4</a>
Summary:	CD5L, also known as CD5 antigen-like, is secreted protein which mainly expressed by macrophages in lymphoid and inflamed tissues and regulates mechanisms in inflammatory responses, such as infection or atherosclerosis. It is able to inhibit lipid droplet size in adipocytes. CD5L acts as a key regulator of metabolic switch in T-helper Th17 cells. It Participates in obesity-associated autoimmunity via its association with IgM, interfering with the binding of IgM to Fcalpha/mu receptor and enhancing the development of long-lived plasma cells that produce high-affinity IgG autoantibodies. It also acts as an inhibitor of apoptosis in macrophages; promotes macrophage survival from the apoptotic effects of oxidized lipids in case of atherosclerosis. It is involved in early response to microbial infection against various pathogens by acting as a pattern recognition receptor and by promoting autophagy.



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