

Product datasheet for **TP727439**

IL18bp Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-18 Binding Protein Isoform d/IL-18 BPd (C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Thr29-Ala193
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Interleukin-18 Binding Protein Isoform d is produced by our Mammalian expression system and the target gene encoding Thr29-Ala193 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16068
UniProt ID:	Q9Z0M9
Summary:	Interleukin 18 binding protein (IL-18BP) is a physiological inhibitor that acts through binding to the receptor-binding site of IL-18. IL-18 stimulates $INF-\hat{\beta}$, which then stimulates 18BP production via $NF-\hat{\kappa}B$. The interaction between IL-18 and IL-18BP has a significant role in the inflammation process. IL-18 BPs have four isoforms, a, b, c and d, which are spliced by different ways. The IL-18 BP isoforms a and c each contain one immunoglobulin (Ig)-like C2-type domain which is essential to the binding and neutralizing properties of the binding proteins. The IL-18 BP isoforms b and d lack a complete Ig domain. The expression of IL-18 and the IL-18BP are identified in immune tissues such as the spleen, but also in nonimmune cells including keratinocytes.



[View online »](#)