

Product datasheet for **TP726782**

Btnl6 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse BTNL6/Butyrophilin-like 6 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Lys29-Trp249
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Mouse Butyrophilin-like 6 is produced by our Mammalian expression system and the target gene encoding Lys29-Trp249 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	624681
Summary:	Butyrophilin-like 6 (BTNL6) is a member of the BTN/MOG Ig-superfamily and functions with BTNL1 as a regulator of immune cell proliferation. The Btnl6 gene is found only in mice. BTNL6 expression is coordinated as a heteromeric protein with BTNL1, and the presence of this complex is correlated with expansion of gamma δ T cells, especially those containing V gamma 7V δ 4 TCR. Btnl6 shows striking sequence similarity to Skint1; is also largely restricted to an epithelial tissue (the small intestine) replete with T cells. Our in-house studies showed BTNL6 co-inhibited anti-CD3 induced IL-2 secretion on CD3+ cells.



[View online »](#)