

Product datasheet for **TP727449**

Fstl1 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Follistatin-Like 1/FSTL1 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Glu19-Ile306
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Follistatin-like Protein 1 is produced by our Mammalian expression system and the target gene encoding Glu19-Ile306 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	14314
UniProt ID:	Q62356
Summary:	Follistatin-like 1 (FSTL1) is a secreted glycoprotein that has been grouped into the follistatin family of proteins. FSTL1 is composed of a follistatin domain and two non-functional calcium-binding motifs. It was originally cloned as a TGF β 21 inducible factor but subsequently shown to regulate diverse developmental pathways and tissue homeostasis. Ablation of the FSTL1 gene in the mouse results in several structural developmental defects and neonatal lethality due to respiratory failure. FSTL1 suppresses BMP signaling, but the precise mechanism of its action has not been elucidated. FSTL1 is expressed in the human placenta, mainly in extravillous trophoblasts.



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