

Product Data Sheet

Cas No.:	1036734-93-6	Cat. No:	PL12489
Product Name:	Teprotumumab		
Product synonym:	TEPROTUMUMAB (替妥木单抗);替妥木单抗;TEPROTUMUMAB单抗		
Chemical name:	Teprotumumab		
MF:	-	FW:	-
Purity:	≥99%	Batch No.:	-
Storage:			
λmax:	-	Formulation:	-
Solubility :			
SMILES :	-		
InChI Code:	-		
InChI Key:			
WARNING This product is not for human or veterinary use.			

Product Description

Teprotumumab 是一种阻断 IGF-1 受体 (IGF-1R) 的人单克隆抗体。Teprotumumab 与 IGF-1R 的细胞外 α-亚基结构域配体结合。Teprotumumab 抑制纤维细胞中的 TSH 和 IGF-1 作用。Teprotumumab 可降低 TSH 依赖性 IL-6 和 IL-8 的表达和 Akt 的磷酸化。Teprotumumab 可用于甲状腺相关眼病的研究。

生物活性	Teprotumumab is an IGF-1 receptor (IGF-1R) blocking human monoclonal antibody. Teprotumumab binds to the ligand binding extracellular α-subunit domain of IGF-1R. Teprotumumab inhibits TSH and IGF-1 action in fibrocytes. Teprotumumab attenuates TSH-dependent IL-6 and IL-8 expression and Akt phosphorylation. Teprotumumab can be used for thyroid-associated ophthalmopathy research.
体外研究(In Vitro)	Teprotumumab (0-500 µg/mL, 12 h) attenuates the actions of both IGF-1 and TSH in fibrocytes. IGF-1R and TSHR mRNA abundance is unaffected by Teprotumumab after 24 hours. has not independently confirmed the accuracy of these methods. They are for reference only.
包装储存	Please store the product under the recommended conditions in the Certificate of Analysis.