

Product datasheet for **TP726658**

Cd7 Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse CD7 (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln24 ^Δ Pro150
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Mouse T-Cell Antigen CD7 is produced by our Mammalian expression system and the target gene encoding Gln24 ^Δ Pro150 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	12516
UniProt ID:	P50283
Synonyms:	T-Cell Antigen CD7; GP40; T-Cell Leukemia Antigen; T-Cell Surface Antigen Leu-9; TP41; CD7
Summary:	T-Cell Antigen CD7 is a single-pass type I membrane protein that that belongs to the the immunoglobulin superfamily. Human CD7 is synthesized as a 240 amino acid precursor that contains a 25 amino acid signal sequence and a 215 amino acid mature chain with a Ig-like (immunoglobulin-like) domain. CD7 is normally expressed on all T-lymphocytes, NK-cells, pre-B lymphocytes and pleuripotent hematopoietic stem cells. CD7 plays an essential role in T-cell interactions, T-cell/B-cell interaction during early lymphoid development, T- and NK-cell activation and cytokine production. CD7 has been shown to interact with PIK3R1 and SECTM1. However, the function of the CD7 protein in the immune system is still largely unknown.



[View online »](#)