

Product datasheet for **TP726634**

CD8B Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD8B (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu22-Pro170
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB,150mM NaCl,pH7.4.
Note:	Recombinant Human T-Cell Surface Glycoprotein CD8 beta Chain is produced by our Mammalian expression system and the target gene encoding Leu22-Pro170 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	926
UniProt ID:	P10966
Summary:	T-Cell Surface Glycoprotein CD8 β Chain (CD8 Antigen) is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. CD8 Antigen, acting as a coreceptor, and the T-cell receptor on the T lymphocyte recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. Multiple alternatively spliced transcript variants encoding distinct membrane associated or secreted isoforms have been described. A pseudogene, also located on chromosome 2, has been identified.



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