

## Product datasheet for **TP727919**

### CD79B Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD79B (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Ala29-Asp159
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human CD79B is produced by our Mammalian expression system and the target gene encoding Ala29-Asp159 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	974
UniProt ID:	<a href="#">P40259</a>
Summary:	CD79B is a single-pass type I membrane protein. CD79B contains one Ig-like V-type domain and one ITAM domain. CD79B is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR), which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. CD79B enhances phosphorylation of CD79A, possibly by recruiting kinases that phosphorylate CD79A or by recruiting proteins that bind to CD79A and protect it from dephosphorylation.



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