

Product datasheet for **TP726712**

CD79A Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CD79A(C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Leu33-Arg143
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human B-cell Antigen Receptor Complex-associated Protein Alpha Chain is produced by our Mammalian expression system and the target gene encoding Leu33-Arg143 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	973
UniProt ID:	P11912
Summary:	CD79A (also known as Mb-1, Ig alpha and B cell antigen receptor complex-associated protein alpha-chain) is a 30-40 kDa member of the Ig-Superfamily. Required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. Also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells. Stimulates SYK autophosphorylation and activation. Binds to BLNK, bringing BLNK into proximity with SYK and allowing SYK to phosphorylate BLNK. Also interacts with and increases activity of some Src-family tyrosine kinases. Represses BCR signaling during development of immature B-cells.



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