

CD79B, 29-159aa, Human, His-tag, Baculovirus

Cat.NO.: TP01535

3th Edition

Synonyms:B-cell antigen receptor complex-associated protein beta chain isoform 1, CD79B, AGM6, B29, IGB

Description:CD79B, as known as B-cell antigen receptor complex-associated protein beta chain isoform 1, is B-cell-specific glycoprotein B29. It is a single-pass type 1 membrane protein containing one Ig-like V-type domain and one ITAM domain. This protein is required in cooperation with CD79A for initiation of the signal transduction cascade activated by the B-cell antigen receptor complex (BCR). CD79A and B proteins are required for BCR-mediated signaling and consequently for the development and activation of B lineage cells. Recombinant human CD79B, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:16.3kDa (140aa)18-28kDa (SDS-PAGE under reducing conditions.)

Sequences:

ADPARSEDYRNPKGSACSRIWQSPRFIARKRGFTVKMH CYMNSASGNVSWLWKQEMDENPQQLKLEKGRMEE
SQNESLATLTIQGIRFEDNGIYFCQQKCNNTSEVYQCGTEL RVMGFSTLAQLKQRNTLKDHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.