Certificate of Analysis & Data Sheet

Catalog Number: 230-20206-200

RayBiotech
Empowering your proteomics

Recombinant Human Bp35/CD20

Source

Species	Human
Accession Number	P11836-1
Gene Symbol	MS4A1
Expressed Region	Thr2-Pro297
Synonyms	Bp35, Membrane-Spanning 4-Domains, Subfamily A, Member 1, Leukocyte Surface Antigen Leu-16, CD20 Antigen, CD20, Bp35, Membrane-Spanning 4-Domains Subfamily A Member 1, B-Lymphocyte Cell-Surface Antigen B1, B-Lymphocyte Surface Antigen B1, CD20 Receptor, LEU-16, CVID5, MS4A2, S7, B1

Preparation

Expression System	Human Embryonic Kidney 293 Cells
Tag	N-terminal 6x histidine tag
Purification	Unpurified cell culture supernatant. HEK293 cells grown in serum-free medium were transfected with expression vector harboring target gene. The cell culture was harvested with centrifugation to remove cells. The cell culture supernatant containing mammalian cell protease inhibitor cocktail was aliquoted and stored at -80 °C immediately. The gene overexpression in culture supernatant was confirmed by Western blotting using anti-His tag antibody and/or target-specific antibodies and the culture supernatant derived from HEK293 cells transfected with the empty expression vector was used as a negative control.
Molecular Weight	Recombinant Human Bp35/CD20 has a calculated molecular mass of 33 kDa. The actual molecular weight may increase slightly due to the potential post-modifications (PTMs).

Protein Specifications

Format	Pink liquid
Formulation	Culture supernatant of transfected HEK293 cells
Preservative	None
Recommended Applications	Western blotting control, antibody validation (i.e., hybridoma screening, antibody pair test), ELISA, EIA, dot blotting, immunoprecipitation (IP), protein array, protein functional assay, protein-protein interaction, post-translational modifications, etc.

Shipping

Ice packs

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.