

Protein A

Cat. No.:	HY-NP006
CAS No.:	308083-69-4
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Protein A

BIOLOGICAL ACTIVITY

Description

Protein A (SPA) is an immunoglobulin (Ig) binding protein that exists on the surface of bacteria and can be freely secreted into the extracellular environment. Protein A blocks opsonization and phagocytosis and induces B-cell death in vitro by binding to the Fc region of antibodies and the Fab region of B-cell receptors. Protein A has the ability to inhibit opsonization and phagocytosis in vitro^[1].

REFERENCES

[1]. Kobayashi SD, et al. Staphylococcus aureus protein A promotes immune suppression. mBio. 2013 Oct 1;4(5):e00764-13.

Caution: Product has not been fully validated for medical applications. For research use only.

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