

Datasheet for ABIN399921  
**Protein G Protein (His tag)**

## 1 Publication

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## Overview

Quantity:	5 mg
Target:	Protein G
Origin:	Streptococcus
Source:	Escherichia coli (E. coli)
Purification tag / Conjugate:	This Protein G protein is labelled with His tag.

## Product Details

## Target Details

Target:	Protein G
Abstract:	<a href="#">Protein G Products</a>
Background:	Protein G, a cell surface protein of group G streptococci, is a Type III Fc receptor that binds to the Fc region of IgG by a non-immune mechanism similar to that of protein A from Staphylococcus aureus. This product contains three IgG binding domains, but its albumin-binding region has been removed. Additionally, His-tag and cysteine have been added to N- and C-termini, respectively, to facilitate purification and conjugation. This does not affect the protein's ability to bind to IgG.

## Application Details

Restrictions:	For Research Use only
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## Handling

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Concentration: 5 mg/mL

Storage: -20 °C

## Publications

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Product cited in: He, Lu, Song, Gong, Li: "Inhibition of microRNA-146a attenuated heart failure in myocardial infarction rats." in: **Bioscience reports**, Vol. 39, Issue 12, (2020) ([PubMed](#)).

Yao, Han, Guan, Guan, Wu, Chen, Li, Hei: "Neutrophil Elastase Inhibitors Suppress Oxidative Stress in Lung during Liver Transplantation." in: **Oxidative medicine and cellular longevity**, Vol. 2019, pp. 7323986, (2020) ([PubMed](#)).

Lian, Xu, Wang, Wang, Li, Yao, Ji, Wang, Guo, Li, Yang: "Possible mechanisms of prenatal cold stress induced-anxiety-like behavior depression in offspring rats." in: **Behavioural brain research**, Vol. 359, pp. 304-311, (2019) ([PubMed](#)).

Yu, Wei, Weiss, Felder: "Angiotensin II Type 1a Receptors in the Subfornical Organ Modulate Neuroinflammation in the Hypothalamic Paraventricular Nucleus in Heart Failure Rats." in: **Neuroscience**, Vol. 381, pp. 46-58, (2019) ([PubMed](#)).

Peng, Xue, Zhou, Zhang, Wang, Liu, Sang, Wang, Tan: "Repetitive transcranial magnetic stimulation inhibits Sirt1/MAO-A signaling in the prefrontal cortex in a rat model of depression and cortex-derived astrocytes." in: **Molecular and cellular biochemistry**, Vol. 442, Issue 1-2, pp. 59-72, (2018) ([PubMed](#)).