



Haptoglobin beta chain

Catalog No. PY-20047

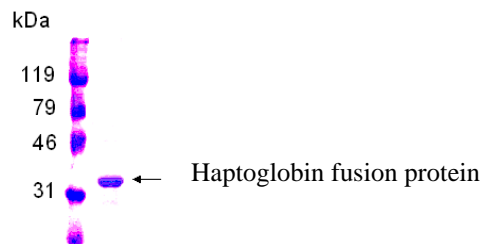
Scale: 1 mg

Form: lyophilized protein

Target description

Haptoglobin is a positive acute phase protein that binds free hemoglobin and removes it from the circulation to prevent kidney injury, and iron loss following hemolysis. Three major haptoglobin phenotypes are known to exist (Hp 1-1, Hp 2-1, and Hp 2-2). Hp 1-1 is biologically the most effective in binding free hemoglobin and suppressing inflammatory responses associated with free hemoglobin. Hp 2-2 is biologically the least active, and Hp 2-1 is moderately active.

SDS PAGE analysis (Commassie blue staining)



20% SDS PAGE gel

Products

**E. coli derived Haptoglobulin (aa. 1-245)
) fusion protein with His tag**

Comments

Protein ID : AAA52684

Fusion tag : 4kDa (His-tag)

Purity : > 90%

Fusion protein size : 33 kDa

Sequence:

L ILGGHLDKAG SFPWQAKMVS HHNLTTGATL
INEQWLLTTA KNLFNLHSEN ATAKDIAPTL
TLYVGKKQLV EIEKVVLHPN YSQVDIGLIK
LKQKVSVNER VMPICLPSKD YAEVGRVGYV
SGWGRNANFK FTDHLKYVML PVADQDQCIR
HYEGSTVPEK KTPKSPVGVO PILNEHTFCA
GMSKYQEDTC YGDAGSAFAV HDLEEDTWYA
TGILSFDKSC AVAIEYGVYVK VTSIQDWVQK TIAEN

Storage

Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml. For long-term storage at -20°C. Aliquot to avoid repeated freezing and thawing.

Application

Dilute with 1XPBS for Western blot, ELISA test antigen, Immunogen