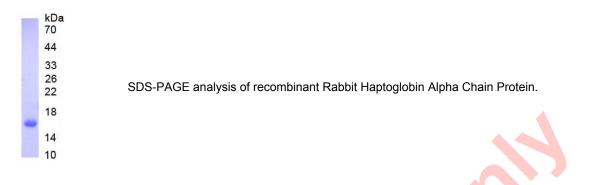


Rabbit Haptoglobin Alpha Chain (HP) Protein

Catalogue No.:abx066980



Rabbit Haptoglobin Alpha Chain (HP) is a recombinant Rabbit protein produced in a Prokaryotic expression system (E. coli).

Target:	Haptoglobin Alpha Chain (HP)
Origin:	Rabbit
Expression:	Recombinant
Tested Applications	: WB, SDS-PAGE
Host:	E. coli
Conjugation:	Unconjugated
Form:	Lyophilized
Purity:	> 95%
Reconstitution:	To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH_2O . If a lower concentration is required, dilute in 10 mM PBS, pH 7.4. If a higher concentration is required, the product can be reconstituted directly in 10 mM PBS, pH 7.4, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.
Storage:	Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P19007 (<u>UniProt</u> , <u>ExPASy</u>)
KEGG:	ocu:100008816
String:	<u>9986.ENSOCUP0000007820</u>



Molecular Weight:	Calculated MW: 10.0 kDa	
	Observed MW (SDS-PAGE): 16 kDa	
	Possible reasons why the actual band size differs from the predicted band size:	
	1. Splice variants. Alternative splicing may create different sized proteins from the same gene.	
	2. Relative charge. The composition of amino acids may affect the charge of the protein.	
	3. Post-translational modification. Phosphorylation, glycoslyation, methylation etc. may affect the band	
	size.	
	4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.	
	5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size	
	observed.	
Sequence Fragment: Phe21-Asp98		
Sequence:	FGNEVTDIAD DSCPKPPEIA NGYVEHLVRY QCKNYYRLRT EGDGVYALNS EKQWVNKAVG EQLPECEAVC GKPKHPVD	
Tag:	N-terminal His tag	
Buffer:	Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 5% Trehalose.	
Activity:	Not tested	
Concentration:	Prior to lyophilization: 150 µg/ml	
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.	