

Datasheet for ABIN7539880

HSA Protein**1** Image[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	HSA
Origin:	Human
Virus Strain:	NP_000468
Source:	Yeast (Hansenula)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Purpose:	Recombinant Human Serum Albumin (HSA) (Asp25-Leu609)
Sequence:	DAHKSEVAHR FKDLGEENFK ALVLIAFAQY LQQCPFEDHV KLVNEVTEFA KTCVADESAE NCDKSLHTLF GDKLCTVATL RETYGEMADC CAKQEPERNE CFLQHKDDNP NLPRLVRPEV DVMCTAFHDN EETFLKKYLY EIARRHPYFY APELLFFAKR YKAAFTECCQ AADKAACLLP KLDEL RDEGK ASSAKQLK C ASLQKFGERA FKAWAVARLS QRFPKAEFAE VSKLVTDLTK VHTECCHGDL LECADDRADL AKYICENQDS ISSKLKECCE KPLLEKSHCI AEVENDEMPA DLPSLAADFV ESKDVCKNYA EAKDVFLGMF LYEYARRHPD YSVLLLLRLA KTYETTLEKC CAAADPHECY AKVFDEFKPL VEEPQNLIKQ NCELFEQLGE YKFNALLVR YTKKVPQVST PTLVEVSRNL GKVGSKCKKH PEAKRMPCAE DYLSVVLNQL CVLHEKTPVS DRVTKCCTES LVNRRPCFSA LEVDETYVPK EFNAETFFH ADICTLSEKE RQIKKQTALV ELVKHKPKAT KEQLKAVMDD FAAFVEKCK ADDKETCF AE EGKLVAAASQ AALGL
Characteristics:	Animal component free and Tag-free. Lyophilized in water, making it suitable to reconstitute in the customer's desired buffer solution. Although not suitable for therapeutic applications, this

Product Details

rHSA is produced in a European GMP facility ensuring a guaranteed quality, resulting in batch-to-batch consistency for reliable performance.

Purification: Affinity chromatography

Purity: > 95%

Endotoxin Level: ND

Target Details

Target: HSA

Alternative Name: HSA ([HSA Products](#))

Background: Human serum albumin (HSA) is the most abundant protein (>60%) in blood plasma playing an essential role in various physiological processes. HSA is responsible a.o. for binding and transporting of fatty acids and hormones. HSA also stabilizes the pH value of blood and the oncotic pressure. HSA is a globular protein with an alpha-helical structure containing multiple binding sites for both hydrophobic and hydrophilic substances.

Molecular Weight: 66.5 kDa

Gene ID: 213

UniProt: [P02768](#)

Application Details

Application Notes: Possible application in SDS-PAGE, stabilizing agent, medium component, blocking agent, reduction of unspecific binding.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge tubes before opening. Reconstitute the sample in the desired buffer. Avoid pipetting up and down.

Buffer: Lyophilized in water, no buffer components present

Preservative: Without preservative

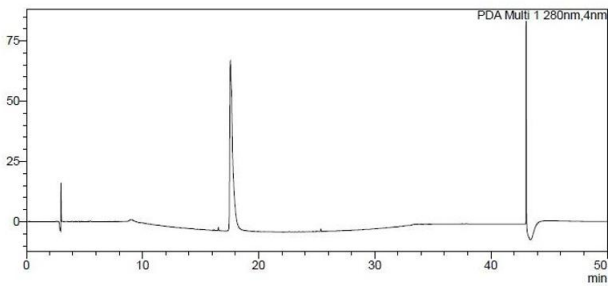
Storage: -20 °C, -80 °C

Handling

Storage Comment: Stable at -20°C to -80°C for at least 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -20°C to -80°C up to 1 month. Avoid repeated freezing and thawing. Lyophilized proteins are shipped at ambient. temperature.

Images

<Chromatogram>
mAU



High Pressure Liquid Chromatography

Image 1.