

Datasheet for ABIN935011

HSC70 Interacting Protein HIP Protein (AA 1-369)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	HSC70 Interacting Protein HIP (ST13)
Protein Characteristics:	AA 1-369
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MDPRKVNELR AFVKMCKQDP SVLHTEEMRF LREWVESMGG KVPPATQKAK SEENTKEEKP DSKKVEEDLK ADEPSSEESD LEIDKEGVIE PDTDAPQEMG DENAEITEEM MDQANDKKVA AIEALNDGEL QKAIDLFTDA IKLNPRLAIL YAKRASVFK LQKPNAAIRD CDRAIEINPD SAQPYKWRGK AHRLLGHWEE AAHDLALACK LDYDEDASAM LKEVQPRAQK IAEHRRKYER KREEREIKER IERVKKAREE HERAQREEEA RRQSGAQYGS FPGGFPGGMP GNFPGGMPGM GGGMPGMAGM PGLNEILSDP EVLAAMQDPE VMVAFQDVAQ NPANMSKYQS NPKVMNLISK LSAKFGGQA
Characteristics:	Purified recombinant Human Hip/ST13 protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 90 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

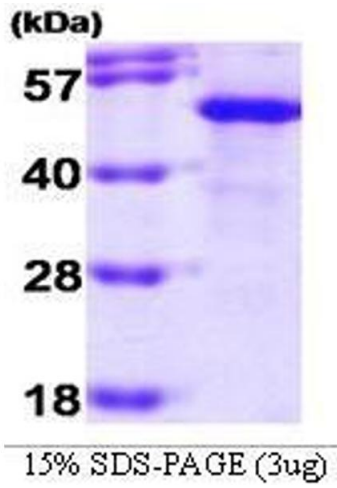
Target:	HSC70 Interacting Protein HIP (ST13)
Alternative Name:	Hip/ST13 (ST13 Products)
Background:	<p>Hip (Hsc70-interacting protein), also known as ST13, is a co-chaperone to the major heat shock proteins, Hsp70 and Hsp90, and appears in early receptor complexes. Through mutual binding to both Hsp70 and Hsp90, Hip functions as an adaptor that can integrate Hsp70 and Hsp90 interactions. Also, Hip has been shown to be involved in the assembly process of glucocorticoid receptor, which requires the assistance of multiple molecular chaperones. Recombinant human Hip was expressed in E. coli and purified by using conventional chromatography.</p> <p>Alternative Names: Hip/ST 13, Hip/ST13, Hsc70-interacting protein protein, HOP protein, Hip/ST 13 protein, FAM10A1 protein, ST13 protein, SNC6 protein, Hip/ST-13 protein, Hip/ST-13, Hsc70-interacting protein</p>
Molecular Weight:	41.3 kDa (369 AA)

Application Details

Application Notes:	Hip/ST13 protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 8.0, containing 0 mM DTT, 0.1 M NaCl, and 10 % glycerol.
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or -70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.