

Datasheet for ABIN7548884
SSB Protein (AA 1-408) (His tag)



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Overview

Quantity:	1 mg
Target:	SSB
Protein Characteristics:	AA 1-408
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SSB protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SSB Protein expressed in mammalian cells.
Sequence:	<p>MAENGDNEKM AALEAKICHQ IEYYFGDFNL PRDKFLKEQI KLDEGWVPLE IMIKFNRLNR LTTFDNVIVE ALSKSKAELM EISEDKTKIR RSPSKPLPEV TDEYKNDVKN RSVYIKGFPT DATLDDIKEW LEDKGQVLNI QMRRTLHKAF KGSIFVVFDS IESAKKFVET PGQKYKETDL LILFKDDYFA KKNEERKQNK VEAKLRAKQE QEAKQKLEED AEMKSLEEKI GCLLKFSGDL DDQTCREDLH ILFSNHGEIK WIDFVRGAKE GIILFKEKAK EALGKAKDAN NGNLQLRNKE VTWEVLEGEV EKEALKKIIIE DQQESLNKWK SKGRRFKGKG KGNKAAQPGS GKGKVQFQ GK KTKFASDDEH DEHDENGATG PVKRAREETD KEEPASKQKQK TENGAGDQ Sequence without tag.</p> <p>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	SSB
Alternative Name:	SSB (SSB Products)
Background:	Lupus La protein (La autoantigen) (La ribonucleoprotein) (Sjogren syndrome type B antigen) (SS-B),FUNCTION: Binds to the 3' poly(U) terminus of nascent RNA polymerase III transcripts, protecting them from exonuclease digestion and facilitating their folding and maturation (PubMed:3192525, PubMed:2470590). In case of Coxsackievirus B3 infection, binds to the viral internal ribosome entry site (IRES) and stimulates the IRES-mediated translation (PubMed:12384597). {ECO:0000269 PubMed:12384597, ECO:0000269 PubMed:2470590, ECO:0000269 PubMed:3192525}.
Molecular Weight:	46.8 kDa
UniProt:	P05455

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months