

Datasheet for ABIN7552224

Adaptor-Related Protein Complex 5, sigma 1 Subunit (AP5S1) (AA 1-200) protein (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Adaptor-Related Protein Complex 5, sigma 1 Subunit (AP5S1)
Protein Characteristics:	AA 1-200
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat AP5S1 Protein expressed in mammalian cells.
Sequence:	MVHAFLIHTL RAPNTEDTGL CRVLYSCVFG AEKSPDDPRP HGAERDRLLR KEQILAVARQ VESMCRLQQQ ASGRPPMDLQ PQSSDEQVPL HEAPRGAFRL AAENPFQEPR TVVWLGVLSL GFALVLDAHE NLLLAEGTLR LLTRLLLDHL RLLAPSTSLR LRADRIEGIL TRFLPHGQLL FLNDQFVQGL EKEFSAAWPR Sequence without tag. 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.
Characteristics:	Key Benefits: • 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.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	Adaptor-Related Protein Complex 5, sigma 1 Subunit (AP5S1)
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Alternative Name:	AP5S1 (AP5S1 Products)
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Background:	AP-5 complex subunit sigma-1 (Adaptor-related protein complex 5 sigma subunit) (Sigma5),FUNCTION: As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport. According to PubMed:20613862, it is required for efficient homologous recombination DNA double-strand break repair. {ECO:0000269 PubMed:20613862, ECO:0000269 PubMed:22022230}.
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Molecular Weight:	22.5 kDa
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UniProt:	Q9NUS5
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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Handling

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