

Recombinant Human Hexokinase Type III/HK3 protein ab85921

[1 Image](#)

Description

Product name	Recombinant Human Hexokinase Type III/HK3 protein
Purity	> 95 % SDS-PAGE. ab85921 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHH SSGLVPRGSH MDSIGSSGLR QGEETLSCSE EGLPGPSDSS ELVQECLQQF KVTRAQLQQI QASLLGSMEQ ALRGQASPAP AVRMLPTYVG STPHGTEQGD FVVLELGATG ASLRVLWVTL TGIEGHRVEP RSQEFVIPQE VMLGAGQQLF DFAAHCLSEF LDAQPVNKQG LQLGFSFSFP CHQTGLDRST LISWTKGFRC SGVEGQDVVQ LLRDAIRRQG AYNIDVVAVV NDTVGTMMGC EPGVRPCEVG LVDVTGTNAC YMEEARHVAV LDEDRGRVCV SVEWGSFSDD GALGPVLTTF DHTLDHESLN PGAQRFEKMI GGLYLGELVR LVLHLARCG VLFGGCTSPA LLSQGSILLE HVAEMEDPST GAARVHAILQ DLGLSPGASD VELVQHVCAA VCTRAAQLCA AALAAVLSCL QHSREQQTLQ VAVATGGRVC ERHPRFCSVL QGTVMLLAPE CDVSLIPSVD GGGRGVAMVT AVAARLAAHR RLLEETLAPF RLNHDQLAAV QAQMRKAMAK GLRGEASSLR MLPTFVRATP DGSERGDFLA LDLGGTNFRV LLVRVTTGVQ ITSEIYSIPE TVAQSGGQQL FDHIVDCMD FQQKQGLSGQ SLPLGFTFSF PCRQLGLDQG ILLNWTKGFK ASDCEGQDVV SLLREAITRR QAVELNVVAI VNDTVGTMMS CGYEDPRCEI GLIVGTGTNA CYMEELRNVA GVPGDSEGRMC INMEWGAFGD DGSLAMLSTR FDASVDQASINPGKQRFKMI</p>

ISGMYLGEIV RHILLHLTSL GVLFRGQQIQ RLQTRDIFKT
KFLSEIESDS LALRQVRAIL EDLGLPLTSD DALMVLEVCG
AVSQRAAQLC GAGVAAVVEK IRENRGLEEL
AVSVGVDGTL YKLHPRFSSL VAATVRELAP
RCVVTFLLQSE DGSGKGAALV TAVACRLAQL TRV

Specifications

Our **Abpromise guarantee** covers the use of **ab85921** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid
Additional notes	This product was previously labelled as Hexokinase Type III

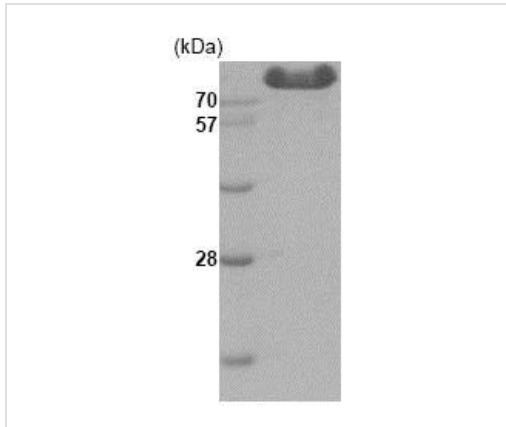
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Pathway	Carbohydrate metabolism; hexose metabolism.
Sequence similarities	Belongs to the hexokinase family.
Domain	The N- and C-terminal halves of this hexokinase show extensive sequence similarity to each other. The catalytic activity is associated with the C-terminus while regulatory function is associated with the N-terminus.

Images



15% SDS-PAGE showing ab85921 at approximately 101.1kDa.

SDS-PAGE - Recombinant Human Hexokinase
Type III/HK3 protein (ab85921)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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