

Product datasheet

Recombinant Human HES6 protein ab132389

1 Image

Overview

Product name	Recombinant Human HES6 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Accession	Q96HZ4
Species	Human
Sequence	<p>MAPPAAPGRDRVGREDEDGWETRGRKARKPLVEK KRRARINESLQELRL LLAGAEVQAKLENAEVLELTVRRVQGVLRGRAREREQ LQAEASERFAAGY IQCMHEVHTFVSTCQAIDATVAAELLNHLLESMPREG SSFQDLLGDALA GPPRAPGRSGWPAGGAPGSPISPPGPGDDLCSLE EAPEAELSQAPAEG PDLVPAALGSLTTAQIARSVWRPW</p>
Molecular weight	51 kDa including tags
Amino acids	1 to 224

Specifications

Our [Abpromise guarantee](#) covers the use of **ab132389** in the following tested applications.
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	<p>ELISA</p> <p>SDS-PAGE</p> <p>Western blot</p>
Form	Liquid
Additional notes	<p>Protein concentration is above or equal to 0.05 µg/µl.</p> <p>Best use within three months from the date of receipt of this protein.</p>

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

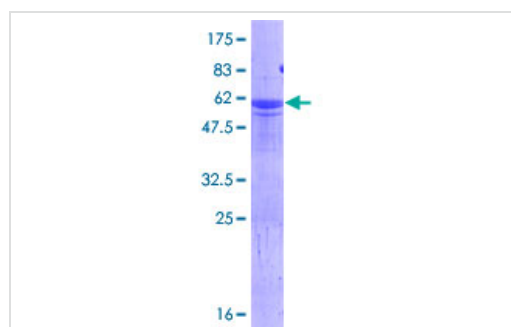
Relevance

HES6 is a transcription cofactor that itself does not bind to DNA but suppresses both HES1-mediated N box-dependent transcriptional repression and binding of HES1 to E box sequences. It also suppresses HES1-mediated inhibition of the heterodimer formed by ASCL1/MASH1 and TCFA2/E47, allowing ASCL1 and TCFA2 to upregulate transcription in its presence. HES6 appears to have novel functions in tumour and cancer cell lines, although these have not yet been elucidated fully.

Cellular localization

Nuclear

Images



ab132389 on 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human HES6 protein
(ab132389)

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

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