# Ras Modification Protein ERF4 (ERF4) Debaryomyces Hansenii Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Ras modification protein ERF4 (ERF4), Recombinant Protein |
| **Full Product Name** | Recombinant Debaryomyces hansenii Ras modification protein ERF4 (ERF4) |
| **Product Gene Name** | ERF4 recombinant protein |
| **Product Synonym Gene Name** | ERF4; DEHA2E12122g |
| **Product Synonym Names** | Ras modification protein ERF4 |
| **Sequence** | MQESSTKHVV KEDNITNNGE NENNGITEPL LFFNYHEFLT ENYNVHPSCR HNSKARSIVV NHFPNNHVPI DSSMYSDTRI VRIPRIFNTI QLSDIIPQFS NYTPGTEPAA INDQQGFTFK PVGIYDNNSF GETSVTPLVP GYMTEEEFHT IIDNINKYLH EAFSPYNVWN LFDSILDLLS ANFYNKIVNN FLVDTYSKRK LLELEMYIEN DINLGMFASR PGLKILSPRK SGYLSVCIDY YNSHQNHCTN YLA |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 29,168 Da |
| **Sequence Positions** | 1-253aa; full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q6BPN7 |
| **Species** | Debaryomyces hansenii (strain 36239 / CBS 767 / JCM 1990 / NBRC 0083 / IGC 2968) (Yeast) (Torulaspora hansenii) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for ERF4 recombinant protein** | MBS1335805 is a recombinant protein targeting ERF4. Also known as Recombinant Debaryomyces hansenii Ras modification protein ERF4 (ERF4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of ERF4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ERF4. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 294657531 |
| **NCBI GeneID** | 2901905 |
| **NCBI Accession #** | XP_459833.2 |
| **UniProt Primary Accession #** | Q6BPN7 |

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| **UniProt Related Accession #** | Q6BPN7 |
| **GenBank Nucleotide #** | XM_459833.1 |
| **NCBI Official Full Name** | DEHA2E12122p |
| **NCBI Official Symbol** | DEHA2E12122g |
| **UniProt Protein Name** | Ras modification protein ERF4 |
| **Protein Family** | Ethylene-responsive transcription factor |
| **UniProt Gene Name** | ERF4 |
| **UniProt Entry Name** | ERFD_DEBHA |
| **NCBI Protein Information** | DEHA2E12122p |
| **UniProt Comments for ERF4** | The ERF2-ERF4 complex is a palmitoyltransferase specific for Ras proteins. Palmitoylates RAS2, which is required for its proper plasma membrane localization (). |
| **Precautions** | All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines. |
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