# Ef-Hand Calcium-Binding Domain-Containing Protein 2 (EFCAB2) Human Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | EF-hand calcium-binding domain-containing protein 2 (EFCAB2), Recombinant Protein |
| **Full Product Name** | Recombinant Human EF-hand calcium-binding domain-containing protein 2 (EFCAB2) |
| **Product Gene Name** | EFCAB2 recombinant protein |
| **Product Synonym Gene Name** | EFCAB2 |
| **Sequence** | MLGPGQVRLR PRVWRDKAGG RVADGASGLP PARGSWRETG TGRALGASSP PRPAQGSSSP GIQSGPSSRP GSPRGAEQAG TPRPRLSLGI SQATGSAARW RTRRTGKGLG YNSDEIRPRT LLIEHLMEGG RRDHHTMTVL WGTQEIIVAE FHKKIKEAFE VFDHESNNTV DVREIGTIIR SLGCCPTEGE LHDLIAEVEE EEPTGYIRFE KFLPVMTEIL LERKYRPIPE DVLLRAFEVL DSAKRGFLTK DELIKYMTEE DGVSLRRPG |
| **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** | 15,458 Da |
| **Sequence Positions** | 1-269, 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 Q5VUJ9 |
| **Species** | Human |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for EFCAB2 recombinant protein** | MBS1482971 is a recombinant protein targeting EFCAB2. Also known as Recombinant Human EF-hand calcium-binding domain-containing protein 2 (EFCAB2). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of EFCAB2 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 EFCAB2. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 221316729 |
| **NCBI GeneID** | 84288 |
| **NCBI Accession #** | NP_001137415.1 |
| **UniProt Primary Accession #** | Q5VUJ9 |

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| **UniProt Secondary Accession #** | Q59G23; Q9BS36; B4DZE9 |
| **UniProt Related Accession #** | Q5VUJ9 |
| **GenBank Nucleotide #** | NM_001143943.1 |
| **NCBI Official Full Name** | EF-hand calcium-binding domain-containing protein 2 isoform b |
| **NCBI Official Synonym Full Names** | EF-hand calcium binding domain 2 |
| **NCBI Official Symbol** | EFCAB2 |
| **NCBI Official Synonym Symbols** | DRC8; CFAP200 |
| **UniProt Protein Name** | EF-hand calcium-binding domain-containing protein 2 |
| **Protein Family** | EF-hand calcium-binding domain-containing protein |
| **UniProt Gene Name** | EFCAB2 |
| **NCBI Protein Information** | EF-hand calcium-binding domain-containing protein 2 |
| **NCBI Summary for EFCAB2** | The gene encodes a protein that contains two EF-hand calcium-binding domains although its function has yet to be determined. Alternatively spliced transcripts have been observed. [provided by RefSeq, Mar 2014] |
| **Research Articles on EFCAB2** | **1.** Clinical trial of gene-disease association and gene-environment interaction. (HuGE Navigator) |
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