

Recombinant Human eEF1A1/EF-Tu protein ab81792

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| 描述 | |
| 产品名称 | 重组人eEF1A1/EF-Tu蛋白 |
| 纯度 | 90 % Ion Exchange Chromatography. ab81792 is purified by an affinity column in combination with FPLC chromatography. Purified recombinant protein is greater than 90% homogeneous and contains no detectable protease, DNase and RNase activity. 1 unit equals 1 nanogram of purified protein. |
| 表达系统 | Escherichia coli |
| Accession | <u>P68104</u> |
| 蛋白长度 | Full length protein |
| 无动物成分 | No |
| 性质 | Recombinant |
| 种属 | Human |
| 序列 | MGKEKTHINIVVIGHVDSGKSTTTGHLIYKCGGIDKRTIEKF EKEAAEMG KGSFKYAWVLDKLKAERERGITIDISLWKFETSKYYVTIIDA PGHRDFIK NMITGTSQADCAVLIVAAGVGEFEAGISKNGQTREHALLAYT LGVKQLIV GVNKMDSTEPPYSQKRYEEIVKEVSTYIKKIGYNPDTVAFVP ISGWNGDN MLEPSANMPWFKGWKPTRKDGNASGTTLLALDCILPPTRPT DKPLRLPL QDVYKIGGIGTVPVGRVETGVLKPGMVVTFAPVNVTTTEVKSV EMHHEALS EALPGDNVGFNVKNVSKDVRRGNVAGDSKNDPPMEAAGFTA QVIILNHP GQISAGYAPVLDCHTAHIACKFAELKEKIDRRSGKKLEDGPK FLKSGDAA IVDMVPGKPMCVESFSDYPPLGRFAVRDMRQTVAVGVIAVD KKAAGAGK VTKSAQKAQKAK |
| 预测分子量 | 76 kDa including tags |
| 氨基酸 | 1 to 462 |
| 标签 | proprietary tag N-Terminus |
| 额外的序列信息 | RRASVNSH = the linker region between the tag at the N terminus and the protein sequence. |

技术指标

Our **Abpromise guarantee** covers the use of **ab81792** in the following tested applications.

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

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| 应用 | SDS-PAGE |
| 形式 | Liquid |

制备和贮存

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| 稳定性和存储 | Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.9 Constituents: 0.75% Potassium chloride, 0.0154% DTT, 0.316% Tris HCl, 0.00584% EDTA, 20% Glycerol (glycerin, glycerine) |
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常规信息

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| 功能 | This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. |
| 组织特异性 | Brain, placenta, lung, liver, kidney, pancreas but barely detectable in heart and skeletal muscle. |
| 序列相似性 | Belongs to the GTP-binding elongation factor family. EF-Tu/EF-1A subfamily. |
| 翻译后修饰 | ISGylated. |
| 细胞定位 | Cytoplasm. |

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

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