

Product datasheet for AR09964PU-N

EIF2B1 / EIF2BA (1-305, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins Description: EIF2B1 / EIF2BA (1-305, His-tag) human recombinant protein, 50 µg Species: Human E. coli **Expression Host: Expression cDNA Clone** MGSSHHHHHH SSGLVPRGSH MDDKELIEYF KSQMKEDPDM ASAVAAIRTL LEFLKRDKGE or AA Sequence: TIOGLRANLT SAIETLCGVD SSVAVSSGGE LFLRFISLAS LEYSDYSKCK KIMIERGELF LRRISLSRNK IADLCHTFIK DGATILTHAY SRVVLRVLEA AVAAKKRFSV YVTESQPDLS GKKMAKALCH LNVPVTVVLD AAVGYIMEKA DLVIVGAEGV VENGGIINKI GTNQMAVCAK AQNKPFYVVA ESFKFVRLFP LNQQDVPDKF KYKADTLKVA QTGQDLKEEH PWVDYTAPSL ITLLFTDLGV LTPSAVSDEL IKLYL Tag: His-tag Predicted MW: 35.8 kDa **Concentration:** lot specific **Purity:** >90% **Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl **Preparation:** Liquid purified protein **Protein Description:** Recombinant human EIF2B1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **RefSeq:** NP 001405 Locus ID: 1967 **UniProt ID:** Q14232 Cytogenetics: 12q24.31 Synonyms: EIF2B; EIF2BA

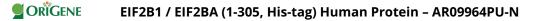


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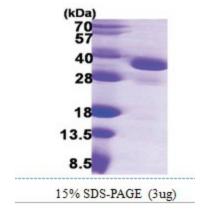
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Summary:This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a
GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein
synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been
associated with leukoencephalopathy with vanishing white matter. [provided by RefSeq, Oct
2009]

Product images:



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