abcam

Product datasheet

Recombinant Human eIF4G1 protein (Tagged) ab235068

画像数 1

製品の詳細

製品名	Recombinant Human eIF4G1 protein (Tagged)
精製度	> 85 % SDS-PAGE.
発現系	Escherichia coli
アクセッション番号	Q04637
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	IEEYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSA IAREHMGQ LLHQLLCAGHLSTAQYYQGLYEILELAEDMEIDIPHVWLYLA ELVTPILQ EGGVPMGELFREITKPLRPLGKAASLLLEILGLLCKSMGPKK VGTLWREA GLSWKEFLPEGQDIGAFVAEQKVEYTLGEESEAPGQRALPSE ELNRQLEK LLKEGSSNQRVFDWIEANLSEQQIVSNTLVRALMTAVCYSAI IFETPLRV DVAVLKARAKLLQKYLCDEQKELQALYALQALVVTLEQPPNL LRMFFDAL YDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLRE AEEESDHN
予測される分子量	47 kDa including tags
領域	1250 to 1599
タグ	His tag N-Terminus
配列の追加情報	N-terminal 10xHis-B2M-JD-tagged and C-terminal Myc-tagged

特性

Our **Abpromise guarantee** covers the use of **ab235068** in the following tested applications.

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

アプリケーション	SDS-PAGE
製品の状態	Liquid

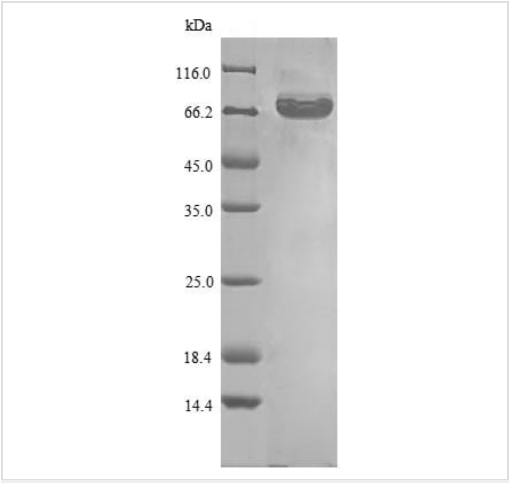
前処理および保存

保存方法および安定性	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 7.2 Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

関連情報

機能	Component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome.
関連疾患	Defects in EIF4G1 are the cause of Parkinson disease type 18 (PARK18) [MIM:614251]. An autosomal dominant, late-onset form of Parkinson disease. Parkinson disease is a complex neurodegenerative disorder characterized by bradykinesia, resting tremor, muscular rigidity and postural instability, as well as by a clinically significant response to treatment with levodopa. The pathology involves the loss of dopaminergic neurons in the substantia nigra and the presence of Lewy bodies (intraneuronal accumulations of aggregated proteins), in surviving neurons in various areas of the brain.
配列類似性	Belongs to the eIF4G family. Contains 1 MI domain. Contains 1 MIF4G domain. Contains 1 W2 domain.
翻訳後修飾	Phosphorylated at multiple sites in vivo. Phosphorylation at Ser-1185 by PRKCA induces binding to MKNK1. Following infection by certain enteroviruses, rhinoviruses and aphthoviruses, EIF4G1 is cleaved by the viral protease 2A, or the leader protease in the case of aphthoviruses. This shuts down the capped cellular mRNA transcription.

画像



SDS-PAGE - Recombinant Human eIF4G1 protein (Tagged) (ab235068)

ab235068 analyzed by (Tris-Glycine gel) discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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- Response to your inquiry within 24 hours
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