

Product Datasheet

Recombinant Human CREB GST (N-Term) Protein H00001385-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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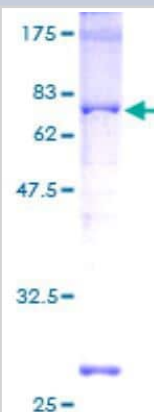
H00001385-P01-10ug

Recombinant Human CREB GST (N-Term) Protein

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	63.25 kDa
Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-341 of Human CREB1</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MTMESGAENQQSGDAAVTEAENQQMTVQAQPQIATLAQVSMPPAAHATSSAP TVTLVQLPNGQTVQVHGVIAAQPSVIQSPQVQTVQSSCKDLKRLFSGTQISTI AESEDSQESVDSVTDSQKRREILSRRPSYRKILNDLSSDAPGVPRIIEEEKSEEE TSAPAITTVTVPTPIYQTSSGQYIAITQGGAIQLANNGTDGVQGLQTLTMTNAAA TQPGTTILQYAQTDDGQQILVPSNHVVVQAASGDVQTYQIRTAPTSTIAPGVVM ASSPALPTQPAEEAARKREVRLMKNREAARECRRKKKEYVKLENRVAVLEN QNKTLIEELKALKDLYCHKSD</p>
Gene ID	1385
Gene Symbol	CREB1
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, In vitro assay, Immunoprecipitation, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Immunoprecipitation, In vitro assay, Protein Array, Immunoaffinity Purification
Application Notes	Use in In vitro assay reported in scientific literature (PMID 24550008)

Images

SDS-Page: CREB Recombinant Protein [H00001385-P01]



Publications

Du H, Le Y, Sun F et al. ILF2 Directly Binds and Stabilizes CREB to Stimulate Malignant Phenotypes of Liver Cancer Cells. *Anal Cell Pathol (Amst)*. 2019-02-10 [PMID: 30881868]

Wang Y, Yang N, Liu Y. et al. Organic conjugated small molecule materials based optical probe for rapid, colorimetric and UV-vis spectral detection of phosphorylated protein in placental tissue. *Spectrochim Acta A Mol Biomol Spectrosc* 2018-01-05 [PMID: 29316483]

Yin T, Li H, Yang N et al. Detection of CREB Phosphorylation via Zr (IV) Ion Mediated Signal Amplification. *Biosens Bioelectron*. 2013-12-31 [PMID: 24445066]

Pellicelli M, Miller JA, Arabian A et al. The PTH-G(alpha)s-*PKA* cascade controls alpha-NAC localization to regulate bone mass. *Mol. Cell. Biol*. 2014-02-19 [PMID: 24550008] (In vitro)



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Products Related to H00001385-P01-10ug

NBP1-90364PEP	CREB Recombinant Protein Antigen
212-GD-010	GDNF [Unconjugated]
DYC2510-2	CREB [p Ser133] [Biotin]
NBP2-22203	ERK1 Antibody (1E5) - BSA Free

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