

Product Datasheet

Recombinant Human MeCP2 GST (N-Term) Protein H00004204-P01-2ug

Unit Size: 2 ug

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

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H00004204-P01-2ug

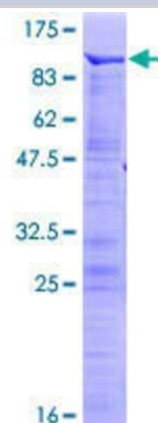
Recombinant Human MeCP2 GST (N-Term) Protein

Product Information	
Unit Size	2 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	78.8 kDa
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-486 of Human MECP2</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MVAGMLGLREEKSEDQLQGLKDKPLKFKKVKKDKKKEEKEGKHEPVQPSAHH SAEPAEAGKAETSEGSGSAPAVPEASASPKQRRSIIRDRGPMYDDPTLPEGWT RCLKQRKSGRSAGKYDVYLNPPQGKAFRSKVELIAYFEKVGDTSLDPNDFDFTV TGRGSPSRREQPPKPKSPKAPGTGRGRGRPKGSGTTRPKAATSEGQVQK RVLEKSPGKLLVKMPFQTSPGGKAEGGGATTSTQVMVIKRPGRKRKAEADPQ AIPKKRGRKPGSVVAAAAAEAKKKAVKESSIRSVQETVLPKRRKTRETVSIEVK EVVKPLLSTLGEKSGKGLKTCKSPGRKSKESSPKGRSSSASSPPKKEHHHHH HHSESPKAPVLLPPLPPPPPEPESEDPTSPPEPQDLSSSVCKEEKMPPRGGS LESDGCPKEPAKTQPAVATAATAAEKYKHRGEGGERKDIVSSSMRPNREEPV DSRTPVTERVS</p>
Gene ID	4204
Gene Symbol	MECP2
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, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



Images

Recombinant Human MeCP2 Protein [H00004204-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Gabriele L, Ralf K, Maria M et al. The Cell Adhesion Molecule L1 Interacts with Methyl CpG Binding Protein 2 via Its Intracellular Domain. *Int J Mol Sci.* 2022-03-24 [PMID: 35408913]

Wooje L, Jeeho K, Jung-Mi Y et al. MeCP2 Regulates Gene Expression Through Recognition of H3K27me3. *Nat Commun.* 2020-06-19 [PMID: 32561780]

Steinkellner H, Schonegger A, Etzler J et al. An electrochemiluminescence based assay for quantitative detection of endogenous and exogenously applied MeCP2 protein variants. *Sci Rep.* 2019-05-28 [PMID: 31138832]

Nott A, Cheng J, Gao F et al. Histone deacetylase 3 associates with MeCP2 to regulate FOXO and social behavior. *Nat Neurosci* 2016-07-18 [PMID: 27428650]



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