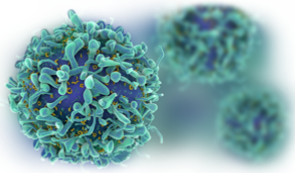


GMPR2 Protein Crystal

Catalog: CBCRY17

PRODUCT INFORMATION

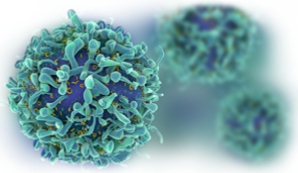
Name	GMPR2 Protein Crystal
Cat No.	CBCRY17
Fragment	Full length
Protein Description	Guanosine monophosphate reductase 2
Background	Guanosine monophosphate reductase (GMPR) Catalyzes the irreversible NADPH-dependent deamination of GMP to IMP. It functions in the conversion of nucleobase, nucleoside and nucleotide derivatives of G to A nucleotides, and in maintaining the intracellular balance of A and G nucleotides. Plays a role in modulating cellular differentiation.
Protein Classification	Oxidoreductase
Structure Weight	161477.73 Da
Method	X-Ray Diffraction
Resolution	3.0 Å
Ligand Chemical Component	guanosine-5'-monophosphate; sulfate ion
Reference	Li, J., Wei, Z., Zheng, M., Gu, X., Deng, Y., Qiu, R., Chen, F., Ji, C., Gong, W., Xie, Y., Mao, Y. (2006) Crystal Structure of Human Guanosine Monophosphate Reductase 2 (GMPR2) in Complex with GMP J.Mol.Biol. 355: 980-988

USAGE GUIDELINES

General	Avoid excessive mixing or shocking to prevent aggregation. Long term storage above -80°C may result in aggregate formation.
Storage	Short term: +2°C to +8°C Long term: -80°C

45-1 Ramsey Road, Shirley, NY 11967, USA Tel:1-631-317-1417 Fax:1-631-207-8356

Email: info@structure-analyzer.com



Stability	n.a.
Freezing	Can be frozen, but avoid multiple freeze/thaw cycles.

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