

Product Datasheet

Recombinant Human Endo G GST (N-Term) Protein H00002021-P01-2ug

Unit Size: 2 ug

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

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Publications: 2

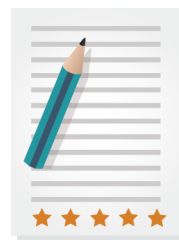
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H00002021-P01-2ug**Recombinant Human Endo G GST (N-Term) Protein**

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	53.02 kDa
Product Description	
Description	A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-248 of Human ENDOG Source: <i>Wheat Germ (in vitro)</i> Amino Acid Sequence: ELPPVPGGPRGPGELAKYGLPGLAQLKSRESYVLCYDPRTRGALWVVEQLRP ERLRGDGDRRECDFREDDSVHAYHRATNADYRGSGFDRGHLAAAANHRWSQ KAMDDTFYLSNVAPQVPHLNQNAWNNLEKYSRSLTRSYQNVYVCTGPLFLPR TEADGKSYVKYQVIGKNHVAVPTHFFKVLILEAAGGQIELRTYVMPNAPVDEAIP LERFLVPIESIERASGLLFVPNILARAGSLKAITAGSK
Gene ID	2021
Gene Symbol	ENDOG
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

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Zhdanov DD, Gladilina YA, Pokrovsky VS et al. Endonuclease G modulates the alternative splicing of deoxyribonuclease 1 mRNA in human CD4+ T lymphocytes and prevents the progression of apoptosis. *Biochimie* 2018-12-03 [PMID: 30521874]

Zhdanov DD, Vasina DA, Orlova EV et al. [Apoptotic endonuclease EndoG regulates alternative splicing of human telomerase catalytic subunit hTERT]. *Biomed Khim* 2017-05-24 [PMID: 27797329]





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Products Related to H00002021-P01-2ug

NBP1-86011PEP	Endo G Recombinant Protein Antigen
AF835	Caspase-3 Antibody [Unconjugated] - Active
NBP1-76657	Endo G Antibody - BSA Free
NB100-56116	Caspase-8 Antibody - BSA Free

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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