

# Product Datasheet

## Recombinant Human OCT1 GST (N-Term) Protein H00005451-P01-2ug

Unit Size: 2 ug

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

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**H00005451-P01-2ug**

## Recombinant Human OCT1 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	107.47 kDa

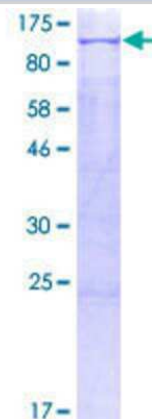
Product Description	
Description	<p>Recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-743 of Human POU2F1</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MNNPSETSKPSMESGDGNTGTQTNGLDFQKRPVPVGGAISTAQAQAFLGHLH  QVQLAGTSLQAAAQSLNVQSKSNEESGDSQQPSQPSQQPSVQAAIPQTQLML  AGGQITGLTLTPAQQQLLLQQAQAQAQLLAAAVQQHSASQQHSAAGATISASA  ATPMTQIPLSQPIQIAQDLQQLQQLQQQNLNLQQFVLVHPTTNLQPAQFIISQTP  QQQQGLLQAQNLTLQLPQQSQANLLQSQPSITLTSQPATPRTIAATPIQTLPLQ  SQSTPKRIDTPSLEEPSDLEELEQFAKTFKQRRIKLGFTQGDVGLAMGKLYGND  FSQTTISRFEALNLSFKNMCKLKPILLEKWLNDAENLSSDSSLSSPSALNSPGIE  GLSRRRKKRTSIETNIRVALEKSFLENQKPTSEEITMIADQLNMEKEVIRVWFCN  RRQKEKRINPPSSGGTSSSPIKAIFPSPTSLVATTPSLVTSSAATTLTVSPVLPLT  SAAVTNLSVTGSDTTSNNTATVISTAPPASSAVTSPSLSPSPSASASTSEASS  ASETSTTQTTSTPLSSPLGTSQVMVTASGLQTA AAAALQGAAQLPANASLAAV  AAAAGLNPSLMAPSQFAAGGALPSLNPGLTSGALSPALMSNSTLATIQALASG  GSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNL SLLT SNP VSLV SAAAASA  GNSAPVASLHATSTSAESI QNSLFTVASASGAASTTTTASKAQ</p>
Gene ID	5451
Gene Symbol	POU2F1
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

SDS Page: OCT1 Recombinant Protein [H00005451-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



## Publications

Kisliouk T, Cramer T, Meiri N. Methyl CpG Level at Distal Part of Heat-Shock Protein Promoter HSP70 Exhibits Epigenetic Memory for Heat Stress by Modulating Recruitment of POU2F1-Associated Nucleosome Remodeling Deacetylase (NuRD) Complex. *J Neurochem* 2017-04-06 [PMID: 28278364]

Holt RJ, Zhang Y, Binia A et al. Allele-specific transcription of the asthma-associated PHD finger protein 11 gene (PHF11) modulated by octamer-binding transcription factor 1 (Oct-1). *J Allergy Clin Immunol.* 2011-02-12 [PMID: 21320718]



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### **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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