

# Product Datasheet

## Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) Protein

**H00000059-P01-10ug**

Unit Size: 10 ug

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

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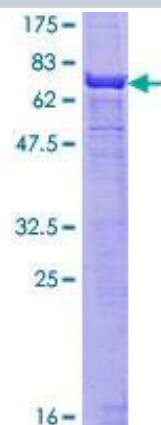
**H00000059-P01-10ug****Recombinant Human alpha-Smooth Muscle Actin GST (N-Term) Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
<b>Target Molecular Weight</b>	68 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-377 of Human ACTA2</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MCEEEDSTALVCDNGSGLCKAGFAGDDAPRAVFPSIVGRPRHQGVMVGMGQ  KDSYVGDEAQSCKRGILTLKYPIEHGIITNWDDMEKIWHHSFYNELRVAPEEHPT  LLTEAPLNPKANREKMTQIMFETFNVPAMYVAIQAVLSLYASGRTTGIVLDSGD  GVTHNVPIYEGYALPHAIMRLDLAARDLTDYLMKILTERGYSFVTTAEREIVRDIK  EKLCYVALDFENEMATAASSSSLEKSYELPDGQVITIGNERFRCPETLFQPSFIG  MESAGIHETTYNSIMKCDIDIRKDLYANNVLSGGTTMYPGIADRMQKEITALAPS  TMKIKIIPPERKYSVWIGGSILASLSTFQQMWISKQEYDEAGPSIVHRKCF</p>
<b>Gene ID</b>	59
<b>Gene Symbol</b>	ACTA2
<b>Species</b>	Human
<b>Preparation Method</b>	in vitro wheat germ expression system
<b>Details of Functionality</b>	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.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, SDS-Page, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, SDS-Page, Protein Array, Immunoaffinity Purification



## Images

SDS-Page: Recombinant Human, alpha-Smooth Muscle Actin Protein [H00000059-P01] - Recombinant Human alpha-Smooth Muscle Actin Protein [H00000059-P01] - 12.5% SDS-PAGE stained with Coomassie Blue. The band indicates an observed molecular weight of ~68 kDa.





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### **Products Related to H00000059-P01-10ug**

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NBP2-22670	Recombinant Human alpha-Smooth Muscle Actin His Protein
DVE00	VEGF [HRP]
NB300-978	alpha-Smooth Muscle Actin Antibody
233-FB-025	FGF basic/FGF2/bFGF [Unconjugated]

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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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