

# Product Datasheet

## Recombinant Human PBR GST (N-Term) Protein H00000706-P01-10ug

Unit Size: 10 ug

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

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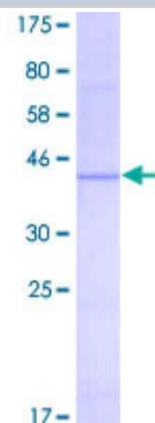


**H00000706-P01-10ug****Recombinant Human PBR GST (N-Term) Protein**

<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>	44.33 kDa
<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-169 of Human TSPO</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MAPPWVPAMGFTLAPSLGCFVGSRFVHGEGLRWYAGLQKPSWHPHWWVLG  PVWGTLYSAMGYGSYLVWKELGGFTEKAVVPLGLYTGQLALNWAWPPIFFGA  RQMGWALVDLLLVSAAAATTVAWYQVSPLAARLLYPYLAWLAFATTLNYCV  WRDNHGWHGGRRLPE</p>
<b>Gene ID</b>	706
<b>Gene Symbol</b>	TSPO
<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, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

## Images

SDS-Page: Recombinant Human PBR Protein [H00000706-P01] - 12.5%  
SDS-PAGE Stained with Coomassie Blue.



## Publications

Bojun X, Zhifeng Z, Chaojie C et al. The anxiolytic effect of koumine on a predatory sound stress-induced anxiety model and its associated molecular mechanisms. *Phytomedicine*. 2022-06-03 [PMID: 35689899]

Zhang S, Yang L, Ling X et al. Tumor mitochondria-targeted photodynamic therapy with a translocator protein (TSPO)-specific photosensitizer. *Acta Biomater*. 2015-09-30 [PMID: 26432436]



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### **Products Related to H00000706-P01-10ug**

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NBP3-17663PEP	PBR Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NB100-41398	PBR Antibody
DVE00	VEGF [HRP]

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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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