



## Recombinant Human S100B protein [His] (DAG-WT136)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	DNA sequence encoding the human S100B (Met1~Glu92) was fused with the N-terminal His Tag
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	> 90% , as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	ELISA; WB; IHC
<b>Molecular Weight</b>	11.78kDa
<b>Format</b>	Liquid/Lyophilized Powder
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Size</b>	1 mg
<b>Buffer</b>	0.01 M PBS, pH 7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at 2-8°C up to 7 days, -20°C for long term. Avoid freeze / thaw cycles.

### BACKGROUND

<b>Introduction</b>	S100 protein family contains variety of members such as $\beta\beta$ homodimer and $\alpha\beta$ heterodimer. It is a useful marker for monitoring brain damage and detecting secondary neurological injuries. The concentration of S100 A8/A9 hetero complex increases in blood when special diseases
---------------------	--

take places, such as rheumatoid arthritis, cystic fibrosis, multiple sclerosis, and HIV infections. S100A8/A9 protein is a potential serum marker for diagnosis of pancreatic ductal adenocarcinoma (PDAC), intraductal papillary mucinous neoplasm (IPMN) or chronic pancreatitis (CP).

---

<b>Keywords</b>	S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B
-----------------	--

---