

Heme oxygenase 2

Catalog No: #AP78580



Package Size: #AP78580-1 50ug #AP78580-2 100ug #AP78580-3 1mg

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Description

Product Name	Heme oxygenase 2
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Mouse
Immunogen Description	2-315AA
Other Names	null
Accession No.	O70252Gene name:Hmox2
Uniprot	O70252
GeneID	15369;
Calculated MW	34.54
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed. Heme oxygenase 2 could be implicated in the production of carbon monoxide in brain where it could act as a neurotransmitter.

References

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Note: This product is for in vitro research use only