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Datasheet for ABIN1001071

Monoamine Oxidase B Protein (MAOB) (AA 2-489) (His tag)

Overview

Quantity:	10 µg
Target:	Monoamine Oxidase B (MAOB)
Protein Characteristics:	AA 2-489
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Monoamine Oxidase B protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

Product Details

Purpose:	Monoamine Oxidase B (MAOB) (Western Blot Control)
Sequence:	SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG SNKCDVVVVG GGISGMAAAK LLHDSGLNVV VLEARDRVGG LERHLPSV
Characteristics:	recombinant MAO-B comprises a 488 amino acid fragment (2-489) corresponding to the cytoplasmic domain fragment of the mature MAO-B protein and is expressed in E. coli with an

Product Details

amino-terminal hexahistidine tag.

Purity: > 95 %

Target Details

Target: Monoamine Oxidase B (MAOB)

Alternative Name: Monoamine Oxidase B ([MAOB Products](#))

Background: Monoamine oxidase B (MAO-B) is a flavin-containing mitochondrial enzyme, which catalyzes the oxidative deamination of biogenic and xenobiotic monoamines. It regulates the metabolic degradation of catecholamines and serotonin in neural and other target tissues. MAO-B is found platelets and in dopamine-secreting neurons in the brain. Increased levels of MAO B that have been identified in brain of Alzheimer's patients. Monoamine oxidases (MAO B and MAO A) are well-known targets for antidepressant drugs and for drugs used to treat neurological disorders and aging diseases, such as Parkinson's and Alzheimer's disease. „Amine oxidase [flavin-containing] B, Monoamine oxidase type B, MAOB, Mao Platelet, MAO Brain.

Molecular Weight: 59.84 kDa

UniProt: [P27338](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20 °C