Native Bovine Flavin-containing Amine oxidase Protein

Cat. No. Flavin-containing Amine oxidase-010B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The protein consists from one subunit and from FAD as cofactor. Molar extinction at 450 nm is 9800 Mol-1cm-1. Spectral ratio A280/A450 is about 10. The protein has typical flavin spectrum with two peaks in visible region at 360 and 450 nm. The protein participates in reutilization of polyamines and its preferential substrates are acetyl spermine and acetyl spermidine. These polyamine oxidases are considered as prospective targets for cancer therapy. PAO-PA system has antifungal and antiparasitic activity.
Species	Bovine
Source	Bovine Liver
Tag	Non
Molecular Mass	About 60 kDa
References	1. Holtta E Oxidation of spermidine and spermine in liver: purification and properties of PAO Biochemistry 1977, v. 16, N 1, 91-100 2. Levitz SN et al Inhibition and killing of fungi by PAO-PA system. Antifungal activity of the PAO-PA system Antonie van Leeuwanhoek 1990, v. 58, N 2, 107-114 3. Hessels J et al Inhibition of PAO in rats improves the sensitivity of urinary PAO as marker for cell death Biochem J. 1990, v. 266, N 3, 843-851

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