

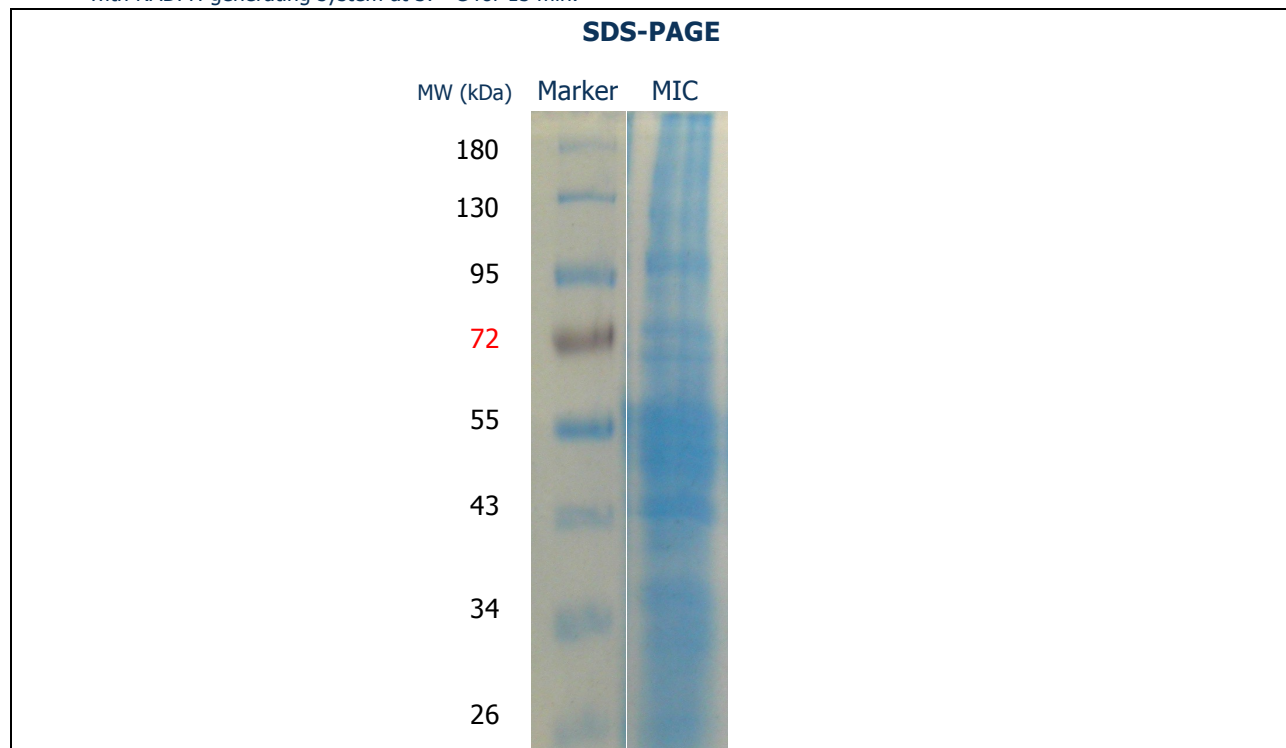
Subcellular fractions	
Lot BosL181122 (Pool of 3)	Batch Release: Feb 19, 2019

Species: Bos primigenius taurus Age Donor 1: 5 years 5 months Age Donor 2: 6 years 6 months Age Donor 3: 7 years 6 months	Number and gender of animals: 3 (female)
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Product Number	Product Description	Amount	Protein content
BosL-MIC-2P3	Bovine Liver Microsomes, female, Pool of 3	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean \pm SD
Phenacetin-O-deethylase	55.1 \pm 2.1
Bupropion-hydroxylase	15.5 \pm 0.6
Diclofenac 4'-hydroxylase	29.9 \pm 2.6
Mephenytoin 4'-hydroxylase	2.7 \pm 0.2
Bufuralol 1'-hydroxylase	5.0 \pm 0.2
Chlorzoxazone 6'-hydroxylase	13.2 \pm 0.8
Midazolam 1'-hydroxylase	25.4 \pm 2.0

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer with NADPH generating system at 37 °C for 15 min.



Issued by: M. Thiede	Checked by: A. Ullrich
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