

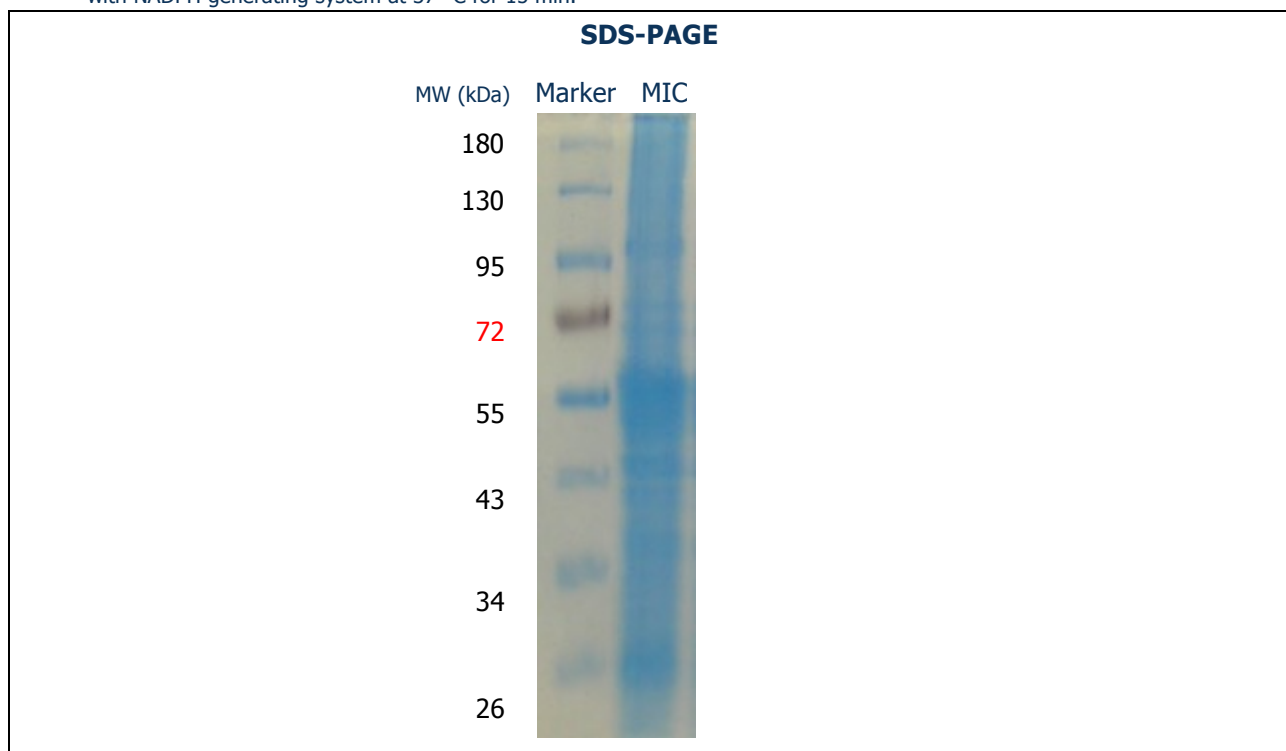
Subcellular fractions	
Lot BosL181219 (Pool of 3)	Batch Release: Feb 19, 2019

Species: Bos primigenius taurus Age Donor 1: 1 year 10 months Age Donor 2: 1 year 9 months Age Donor 3: 1 year 9 months	Number and gender of animals: 3 (male)
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Product Number	Product Description	Amount	Protein content
BosL-MIC-1P3	Bovine Liver Microsomes, male, Pool of 3	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean ± SD
Phenacetin-O-deethylase	53.0 ± 2.0
Coumarin-7'-hydroxylase	1.8 ± 0.3
Bupropion-hydroxylase	14.8 ± 1.0
Diclofenac 4'-hydroxylase	12.9 ± 0.9
Mephenytoin 4'-hydroxylase	1.9 ± 0.2
Bufuralol 1'-hydroxylase	19.1 ± 0.6
Chlorzoxazone 6'-hydroxylase	10.6 ± 1.2
Midazolam 1'-hydroxylase	7.8 ± 0.7

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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