

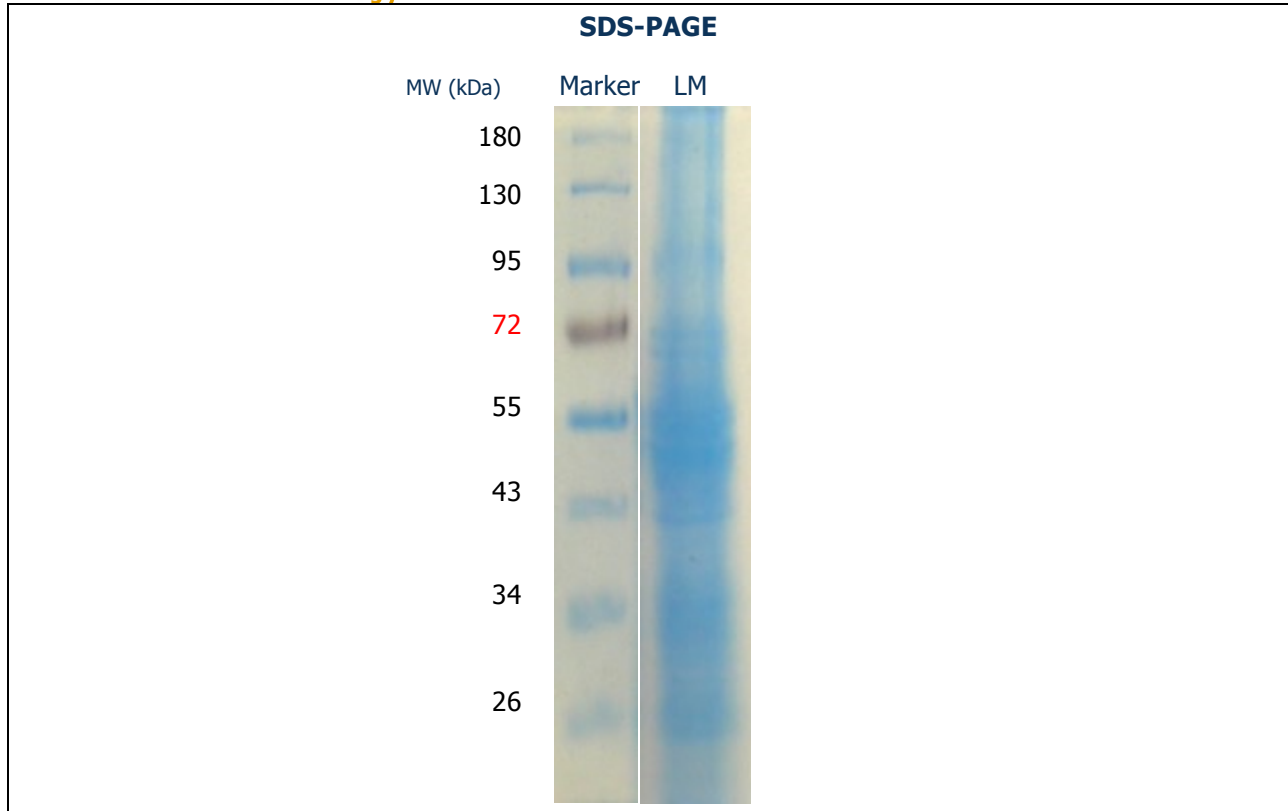
Subcellular fractions	
Lot BosL190108 (Pool of 6)	Batch Release: Jan 30, 2019

Species: Bos primigenius taurus Age Donor 1, female: 5 years 5 months Age Donor 2, female: 6 years 6 months Age Donor 3, female: 7 years 6 months Age Donor 4, male: 1 year 10 months Age Donor 5, male: 1 year 9 months Age Donor 6, male: 1 year 9 months	Number and gender of animals: 6 (3 female, 3 male)
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Product Number	Product Description	Amount	Protein content
BosL-MIC-3P6	Bovine Liver Microsomes, mixed gender, Pool of 6	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean \pm SD
Phenacetin-O-deethylase	64.7 \pm 21.9
Coumarin-7'-hydroxylase	4.6 \pm 2.7
Bupropion-hydroxylase	18.7 \pm 6.3
Diclofenac 4'-hydroxylase	39.6 \pm 8.6
Mephenytoin 4'-hydroxylase	3.5 \pm 1.6
Bufuralol 1'-hydroxylase	19.9 \pm 3.2
Chlorzoxazone 6'-hydroxylase	15.8 \pm 9.3
Midazolam 1'-hydroxylase	15.6 \pm 4.8

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.



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