

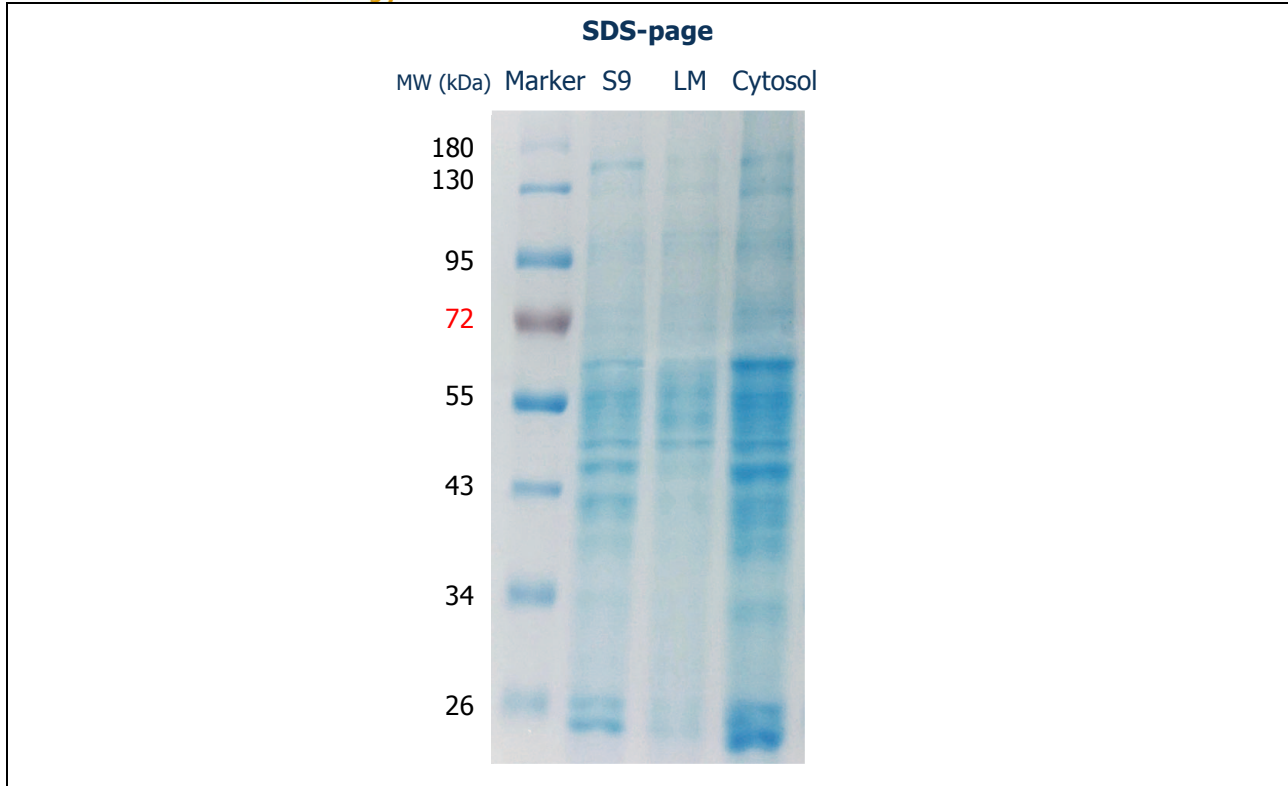
Subcellular fractions	
Lot Cynomolgus171127 (Pool of 5)	Batch Release: Jan 16, 2018

Species: Cynomolgus (Macaca fascicularis) Gender: male Age Donor 1: 4 years 10 months Age Donor 2: 5 years 8 months Age Donor 3: 4 years 9 months Age Donor 4: 5 years 2 months Age Donor 5: 7 years 6 months	Serology: negative for SIV, STLV, SRV, Ebola, Herpes Equal amount of liver tissue from each donor was pooled to generate subcellular fractions.
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Protein content	
S9 Fraction	20 mg/ml in Phosphate buffer
Liver microsomes (LM)	20 mg/ml in Phosphate buffer
Cytosol	20 mg/ml in Phosphate buffer

Enzyme assay results			
Enzyme (Mouse isoforms)	Assay	Enzyme activities (nM/min) mean ± SD	
		S9 Fraction	Liver microsomes
CYP1A1/2	Phenacetin-O-deethylase	28.3 ± 0.2	35.0 ± 6.6
CYP2B17	Bupropion-hydroxylase	45.0 ± 1.2	47.6 ± 13.7
CYP2C20/43	Diclofenac 4'-hydroxylase	25.4 ± 0.3	29.4 ± 2.0
CYP2D17	Bufuralol 1'-hydroxylase	9.3 ± 0.1	10.4 ± 1.2
CYP2E1	Chlorzoxazone 6'-hydroxylase	24.8 ± 2.5	27.7 ± 7.4
CYP3A8	Midazolam 1'-hydroxylase	159.8 ± 9.1	166.6 ± 46.2
UDP-GT	UDP-Glucuronosyltransferase	10133 ± 588	not applicable
SULT	Sulfotransferase	288 ± 36	not applicable

Note: Activity assays were performed at PRIMACYT GmbH. The assays were conducted at 1 mg/ml protein in 0.1 M Phosphate buffer at 37 °C for 15 min (phase I) or for 30 min (phase II).



Issued by: A. Ullrich/ M. Thiede	Checked by: D. Runge
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