

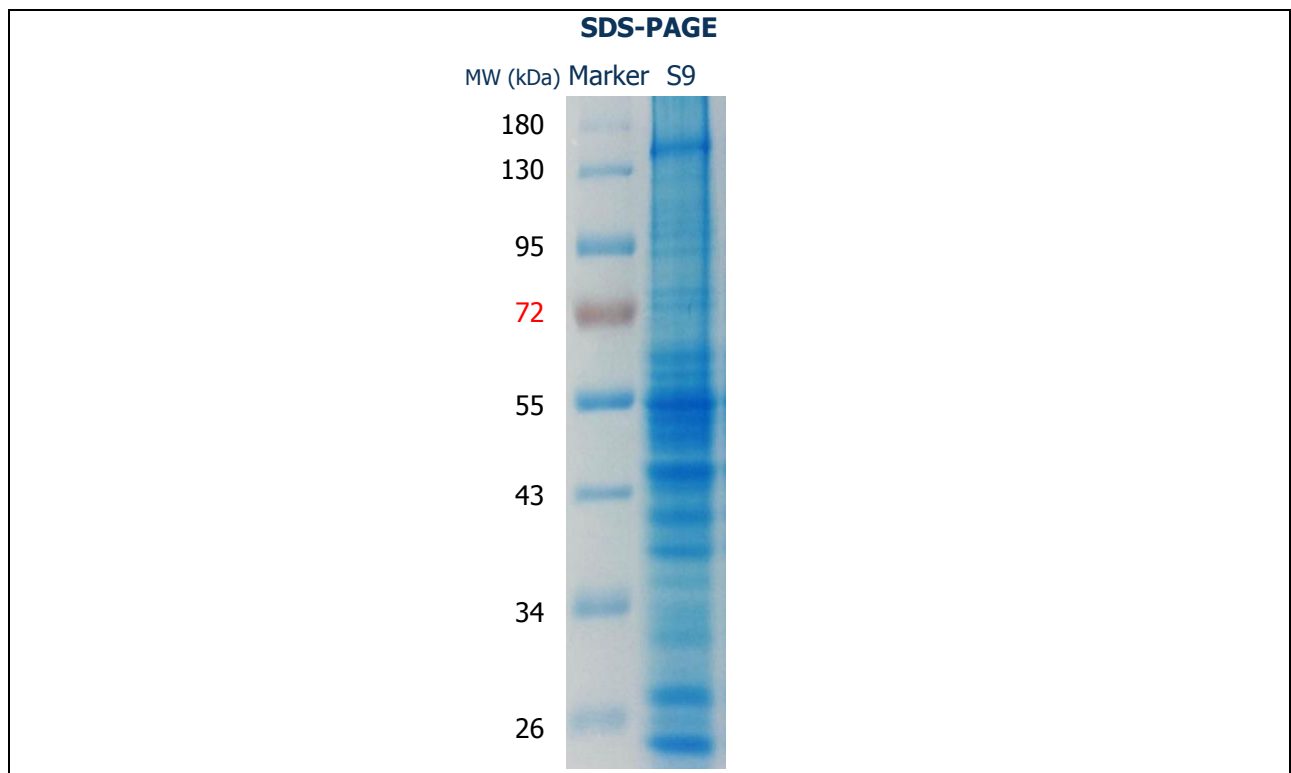
Subcellular fractions	
Lot Field mouse FML171211 (Pool of 6)	Batch Release: Jan 15, 2018

Species: Field mouse / Common vole (<i>Microtus arvalis</i>) Gender: male (4 donors) and female (2 donors) Age: unknown	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

Enzyme assay results		
Enzyme (Mouse isoform)	Assay	Enzyme activity (nM/min)
CYP1A1/2	Phenacetin-O-deethylase	959.8
CYP2B9/10	Bupropion-hydroxylase	52.7
CYP2C29/37/38/40/44	Diclofenac 4'-hydroxylase	150.9
CYP2D22	Bufuralol 1'-hydroxylase	453.2
CYP2E1	Chlorzoxazone 6'-hydroxylase	144.0
CYP3A11/13	Midazolam 1'-hydroxylase	745.8

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.



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