

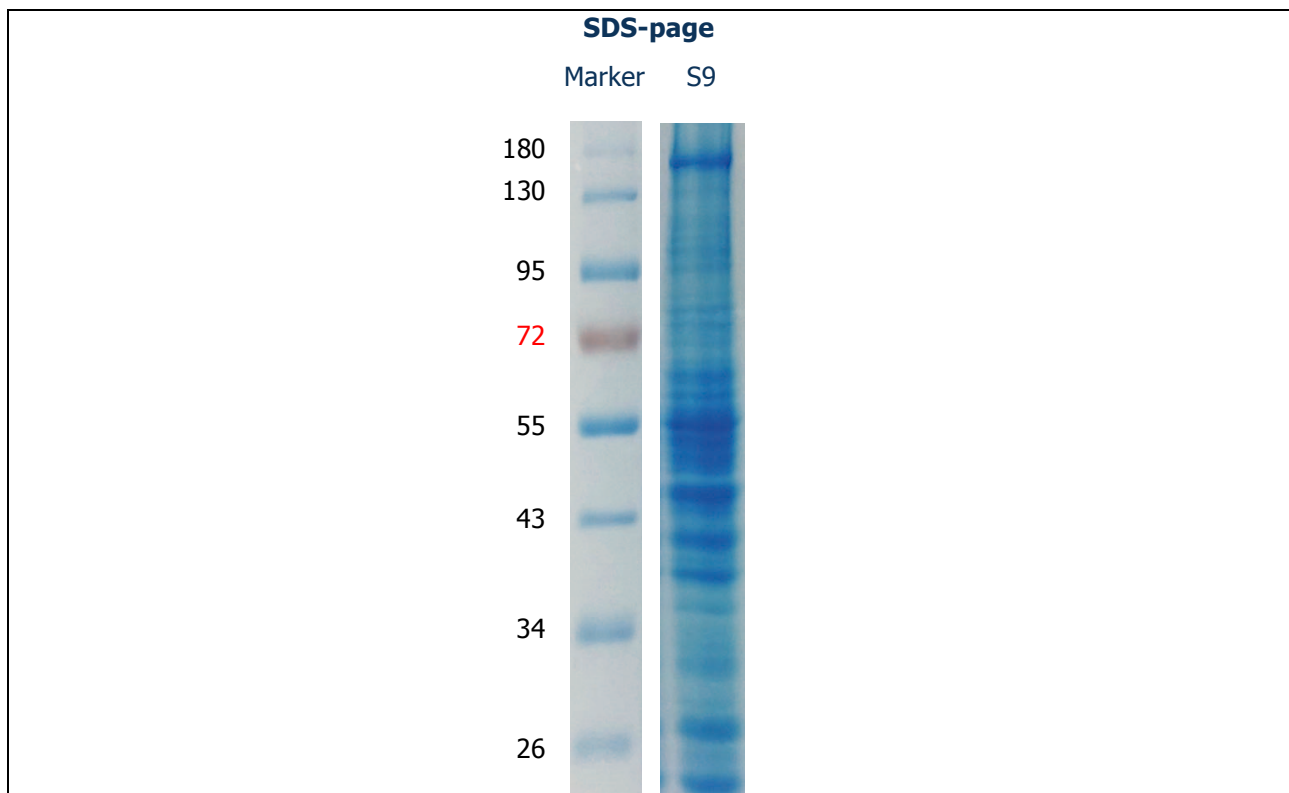
Subcellular fractions	
Lot Field mouse FML171211-2 (Pool of 6)	Batch Release: March 1, 2018

Species: Field mouse ( <i>Microtus arvalis</i> ) Gender: male (3 donors) and female (3 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	Assay	Enzyme activities (nM/min) mean ± SD
CYP1A1/2	Phenacetin-O-deethylase	463.3 ± 47.4
CYP2A5	Coumarin 7'-hydroxylase	71.3 ± 2.3
CYP2B9/10	Bupropion-hydroxylase	20.7 ± 1.8
CYP2C29/37/38/40/44	Diclofenac 4'-hydroxylase	64.4 ± 7.6
CYP2D22	Bufuralol 1'-hydroxylase	312.2 ± 41.4
CYP2E1	Chlorzoxazone 6'-hydroxylase	31.7 ± 7.1
CYP3A11/13	Midazolam 1'-hydroxylase	326.2 ± 23.5

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 for 15 min at 37 °C.



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