

**Subcellular fractions**

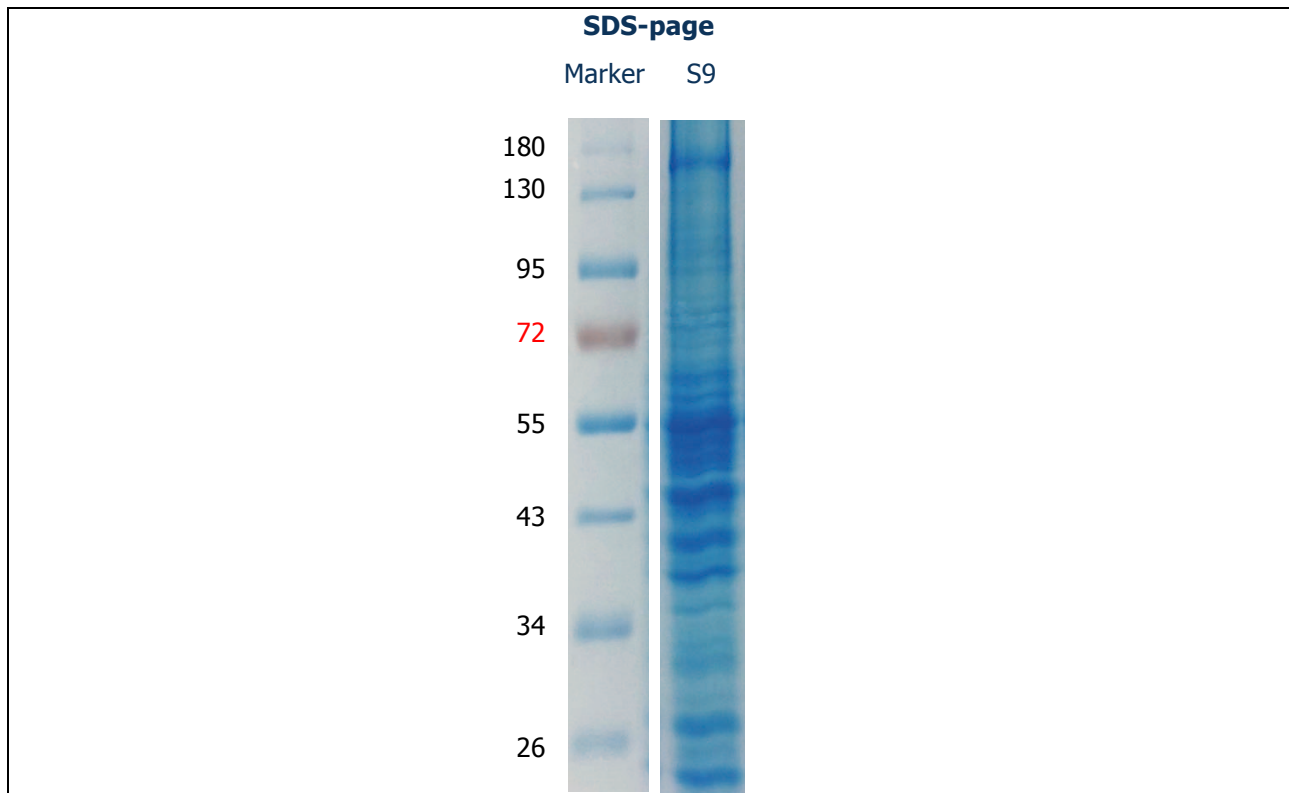
Lot Field mouse FML171211 (Pool of 3)	Batch Release: March 1, 2018
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Species: Field mouse ( <i>Microtus arvalis</i> ) Gender: female Age: unknown	Equal amount of liver tissue from each donor was pooled to generate subcellular fractions.
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Protein 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	425.4 ± 38.1
CYP2A5	Coumarin 7'-hydroxylase	115.5 ± 7.8
CYP2B9/10	Bupropion-hydroxylase	22.8 ± 0.9
CYP2C29/37/38/40/44	Diclofenac 4'-hydroxylase	63.5 ± 7.9
CYP2D22	Bufuralol 1'-hydroxylase	281.2 ± 28.3
CYP2E1	Chlorzoxazone 6'-hydroxylase	45.0 ± 3.4
CYP3A11/13	Midazolam 1'-hydroxylase	436.1 ± 5.2

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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