

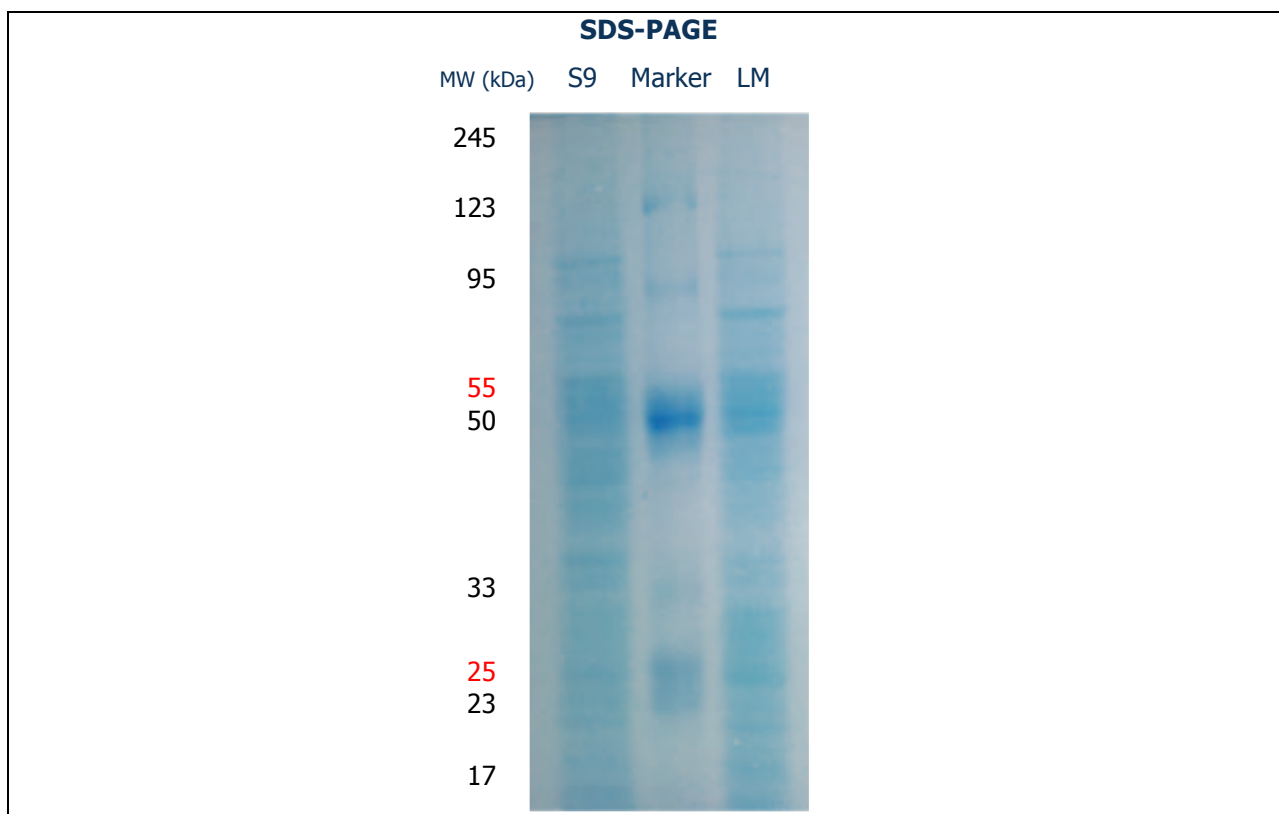
Subcellular fractions	
Lot Rainbow trout 170613 (Pool of 10)	Batch Release: Jan 15, 2018

Species: Rainbow trout (<i>Oncorhynchus mykiss</i>) Gender: female Age: approx. 12-16 months Pool: N = 10	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

Enzyme assay results		
Assay	Enzyme activity (nM/min)	
	S9 fraction	Liver microsomes
Phenacetin-O-deethylase	n.d.	1.19
Bupropion-hydroxylase	0.19	0.27
Diclofenac 4'-hydroxylase	0.20	1.29
Bufuralol 1'-hydroxylase	0.43	0.60
Midazolam 1'-hydroxylase	0.25	2.67

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. n.d. = not detected



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