

Subcellular fractions	
Lot Rainbow trout 170613 (Pool of 10)	Batch Release: Sept 06, 2019

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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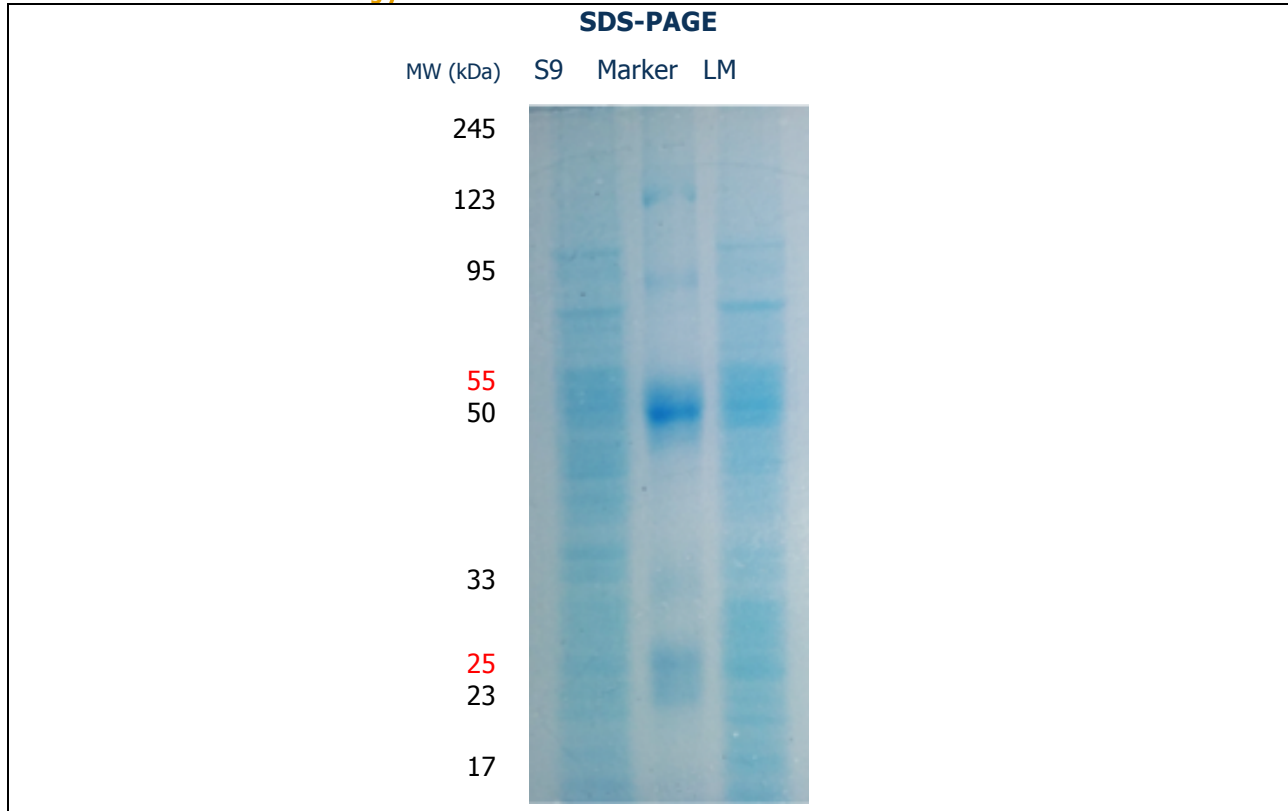
Animal characteristics:

Donor	Fish weight (g)	Liver weight (g)
1	480	5.5
2	600	5.2
3	580	5.5
4	460	5.1
5	420	4.7
6	420	5.5
7	420	5.0
8	420	5.3
9	400	4.5
10	460	4.7

Product Number	Product Description	Amount	Protein content
FL-MIC-2P10	Rainbow trout liver microsomes, female, pool of 10	1.0 ml	10 mg/ml
FL-S9-2P10	Rainbow trout S9 fraction, female, pool of 10	1.0 ml	10 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/mg*min) mean \pm SD
Phenacetin-O-deethylase	3.50 \pm 0.79
Bupropion-hydroxylase	0.79 \pm 0.00
Diclofenac 4'-hydroxylase	3.79 \pm 0.70
Bufuralol 1'-hydroxylase	1.75 \pm 0.01
Midazolam 1'-hydroxylase	7.85 \pm 0.04

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.



Store at -80 °C.

This product should be considered as potential biohazard. Only intended for *in vitro* use.

Datasheet updated January 06, 2020

Issued by: J.Krinitiskij

Checked by: A. Ullrich