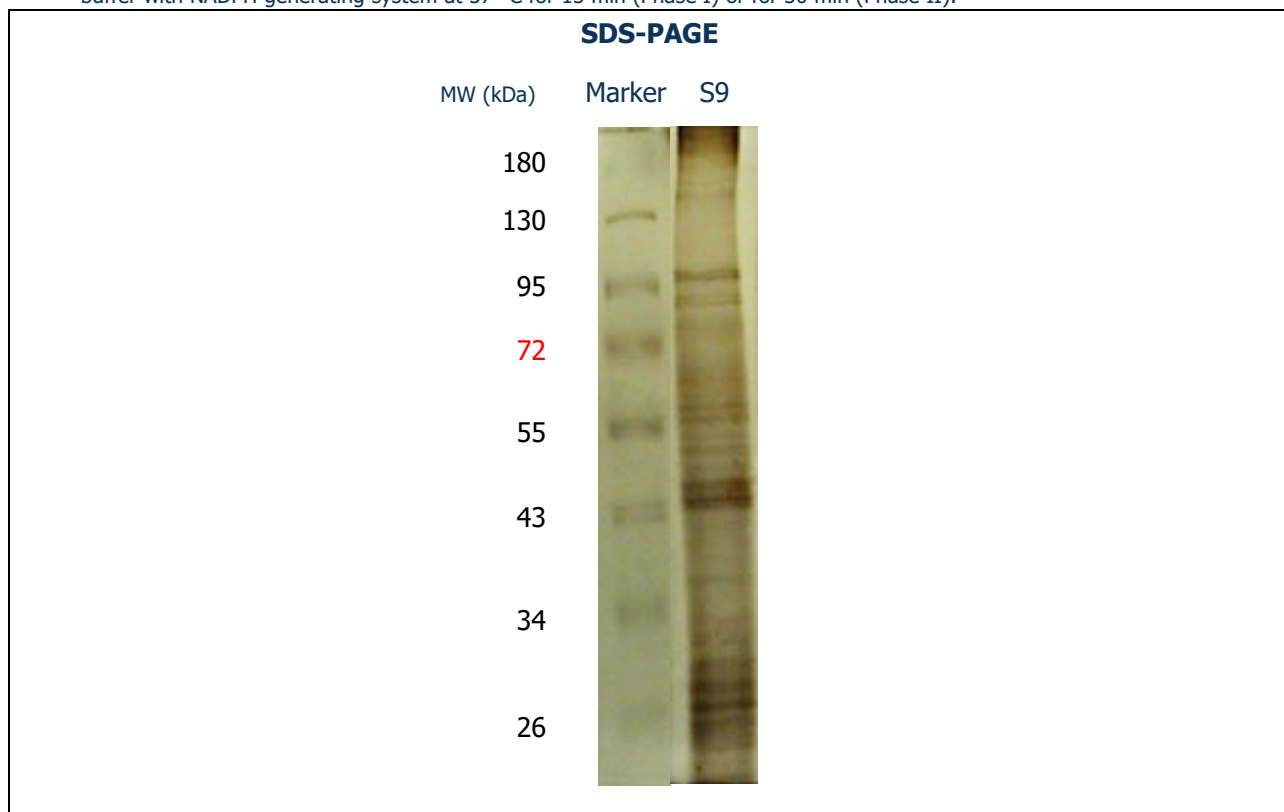


Subcellular fractions			
Lot CCL190711 (Pool of 2)		Batch Release: July 17, 2019	
Species: Common Carp (Cyprinus carpio) Age both donors: approx. 1-2 years		Number and gender of animals: 2 (male) Sexually immature	
Product Number	Product Description	Amount	Protein content
CCL-S9-1P2	Common Carp S9 Fraction, male, Pool of 2	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean ± SD
Phenacetin-O-deethylase	4.0 ± 0.25
Coumarin-7'-hydroxylase	0.38 ± 0.07
Bupropion-hydroxylase	1.2 ± 0.09
Diclofenac 4'-hydroxylase	38.2 ± 1.8
Mephenytoin 4'-hydroxylase	0.28 ± 0.14
Bufuralol 1'-hydroxylase	3.2 ± 0.17
Chlorzoxazone 6'-hydroxylase	1.8 ± 0.03
Midazolam 1'-hydroxylase	0.19 ± 0.07
UDP-Glucuronosyltransferase	1213.2 ± 76.6
Sulfotransferase	387.0 ± 35.7

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 (Phase I) or for 30 min (Phase II).



Issued by: A. Ullrich