

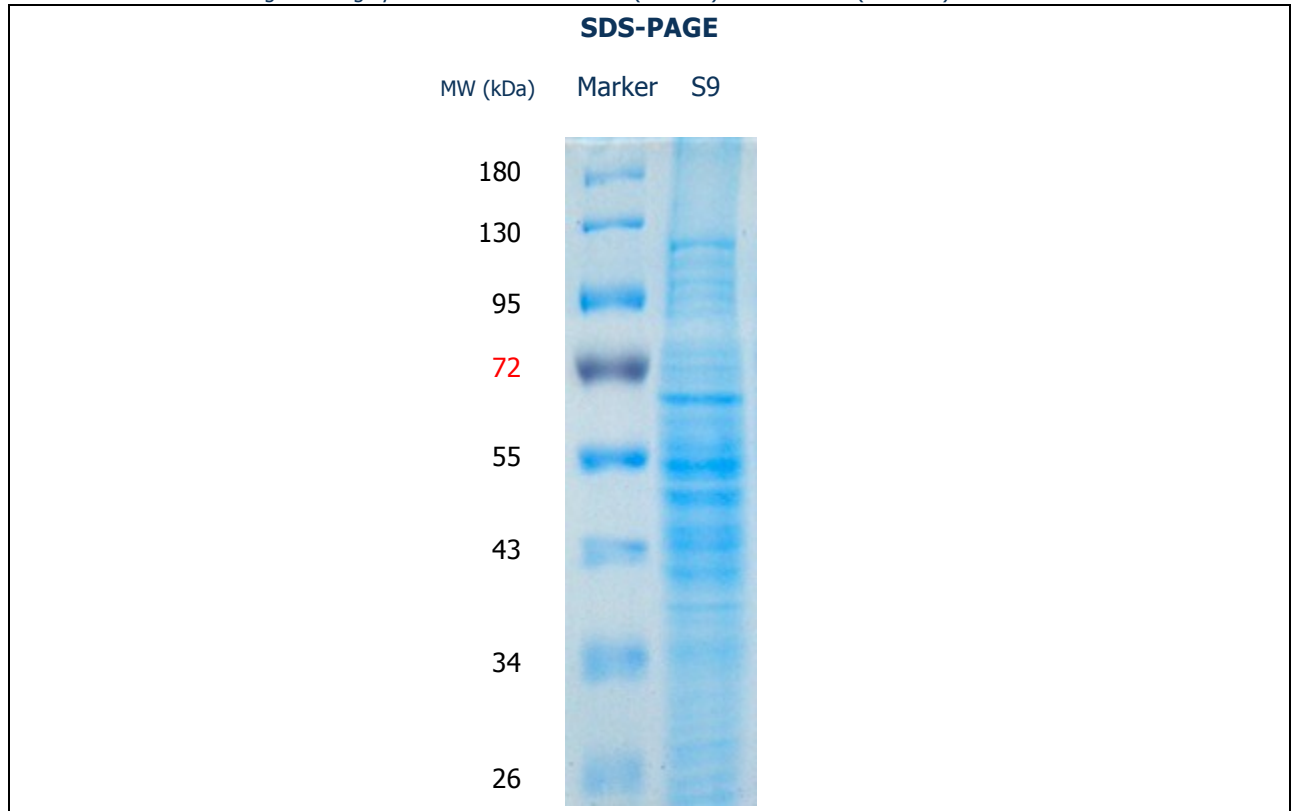
Subcellular fractions	
Lot QL171116-1	Batch Release: Sept 6, 2018

Species: Quail (<i>Coturnix japonica</i>) Age: approx. 3 months	Number and gender of animals: 1 (female)
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Product Number	Product Description	Amount	Protein content
QL-S9-201	Quail S9 Fraction, female	0.5 ml	20 mg/ml

Enzyme assay results	
Assay	Enzyme activity (nM/min) mean \pm SD
Phenacetin-O-deethylase	19.6 \pm 3.4
Coumarin-7'-hydroxylase	0.23 \pm 0.03
Bupropion-hydroxylase	46.9 \pm 8.4
Diclofenac 4'-hydroxylase	8.1 \pm 1.6
Mephenytoin 4'-hydroxylase	0.20 \pm 0.05
Bufuralol 1'-hydroxylase	15.9 \pm 2.4
Chlorzoxazone 6'-hydroxylase	1.09 \pm 0.17
Midazolam 1'-hydroxylase	0.11 \pm 0.02
UDP-Glucuronosyltransferase	2005.7 \pm 32.2
Sulfotransferase	614.5 \pm 60.1

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).



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