



Certificate of Analysis

SULT2B1 Protein, Human (364a.a, His)

Cat. No.:	HY-P76666
Batch No.:	423047
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	O00204-1 (D2-S365)
Gene ID:	6820
Molecular Weight:	Approximately 44 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	96.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to transfer sulfate from PAPS to pregnenolone. The specific activity is ≥15.242 pmol/min/μg that incubate at 37 °C for 30 minutes.	26.075 pmol/min/μg
Appearance	Solution	
Concentration	0.85 mg/mL	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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