



# Certificate of Analysis

## USP48 Protein, Human (Sf9, FLAG)

Cat. No.:	HY-P701422
Batch No.:	375903
Species:	Human
Source:	<i>Sf9 insect cells</i>
Tag:	C-Flag
Accession:	Q86UV5 (A2-H1035)
Gene ID:	84196
Molecular Weight:	Approximately 120 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	94.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The fundamental role of USP48 is specific removal of ubiquitin from substrates. USP48 catalyses the ubiquitin from the substrate Ub-Rho110 to release fluorophores. Rho110 will release 535 nM emission light under the excitation condition of 485 nM. The signal of which can be quickly and reliably captured using a microplate reader.	PASS
Appearance	Solution	
Concentration	1.46 mg/mL	
Reconstitution	N/A.	
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA