

Recombinant mCherry protein (His tag) ab199750

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描述

产品名称	重组mCherry蛋白(His tag)	
纯度	> 97 % SDS-PAGE. Greater than or equal to 97% by HPLC.	
内毒素水平	< 1.000 Eu/μg	
表达系统	Escherichia coli	
Accession	<u>X5DSL3</u>	
蛋白长度	Full length protein	
无动物成分	No	
性质	Recombinant	
种属	Anaplasma marginale	
序列	MGSSHHHHHSSGLVPRGSHMVSKEEDNMAIIKEFMRFKVH MEGSVNGH EFEIEGEGEGRPYEGTQTAKLKVTKGGPLPFAWDILSPQFMY GSKAYVKH PADIPDYLKLSFPEGFKWERVMNFEDGGVVTVTQDSSLQDGE FIYKVCLR GTNFPSDGPVMQKKTMGWEASSERMYPEDGALKGEIKQRLKL KDGGHYDA EVKTTYKAKKPVQLPGAYNVNIKLDITSHNEDYTIVEQYERA EGRHSTGG MDELYK	
预测分子量	29 kDa including tags	
氨基酸	1 to 236	
标签	His tag N-Terminus	
额外的序列信息	pI: 6.23. Ex.= 587 nm (540-590 nm); Em.= 610 nm (550-650 nm).	

技术指标

Our **Abpromise guarantee** covers the use of **ab199750** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	SDS-PAGE
	HPLC

形式	Lyophilized
补充说明	<p>This product is manufactured by BioVision, an Abcam company and was previously called 4993 mCherry Fluorescent Protein. 4993-100 is the same size as the 100 µg size of ab199750.</p> <p>Store lyophilized protein at -20°C. For long-term storage, aliquot and store at -80°C.</p> <p>mCherry is the second generation monomeric red fluorescent protein that has improved brightness and photostability. The protein is suitable as a positive control for mCherry protein expression studies or as a labeling reagent. The recombinant mCherry protein is ideal for fusion tag applications and is perfect for triple labeling with EGFP, CFP, YFP, or any other dyes. The protein is engineered with 6xHis-tag on the N-terminus, which can be used for detection with anti-His-Tag antibody or protein purification/removal by using Ni⁺⁺ beads.</p> <p>Endotoxin level: <0.1 ng/µg</p>

制备和贮存

稳定性和存储	<p>Store at -80°C. Please see notes section.</p> <p>pH: 7.40</p> <p>Constituents: 10.269% Trehalose, 0.727% Dibasic monohydrogen potassium phosphate, 0.248% Monobasic dihydrogen potassium phosphate</p>
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常规信息

相关性	<p>mCherry is derived from proteins originally isolated from <i>Cnidarians</i> (jelly fish, sea anemones and corals), and is used as a fluorescent tracer in transfection and transgenic experiments. The prototype for these fluorescent proteins is Green Fluorescent Protein (GFP), which is a ~27kDa protein isolated originally from the jellyfish <i>Aequoria victoria</i>. The mCherry protein is derived from DsRed, a red fluorescent protein related to GFP isolated from so-called disc corals of the genus <i>Discosoma</i>.</p>
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