

Recombinant *A. baylyi* Catechol 1,2-dioxygenase Protein, His-SUMO-tagged

Cat. No. catA-1151A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Acinetobacter baylyi</i> Catechol 1,2-dioxygenase (1-311aa) was expressed in <i>E. coli</i> with N-terminal 6xHis-SUMO-tag.
Species	<i>A. baylyi</i>
Source	<i>E. coli</i>
ProteinLength	1-311 a.a.
Form	Tris-based buffer, 50% glycerol.
Molecular Mass	50.3 kDa
AA Sequence	MEVKIFNTQDVQDFLRVASGLEQEGGNPRVKQIIHRVLSPLYKAIEDLNITSDEYWAG VAYLNQLGANQEAGLLSPGLGFDHYLDMRMDAEDAALGIENATPRTIEGPLYVAGA PESVGYARMDDGSDPNGHTLILHGTIFDADGKPLPNAKVEIWHANTKGFYSHFDPT GEQQAFNMRRSIITDENGQYRVRTILPAGYGCPPEGPTQQLLNQLGRHGNRPAHIH YFVSADGHRKLTTQINVAGDPYTYDDFAYATREGLVVDVAEHTDPEAIKANDVEGPF AEMVFDLKLTRLVDGVDNQVVDRPRLAV
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	The shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

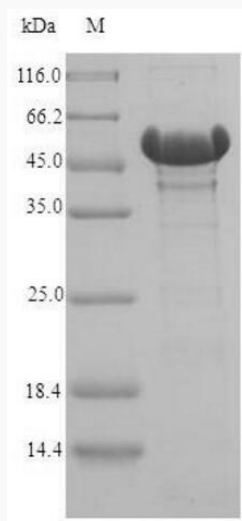
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GENE INFORMATION

Gene Name	Catechol 1,2-dioxygenase
Official Symbol	Catechol 1,2-dioxygenase
Synonyms	Catechol 1,2-dioxygenase; 1,2-CTD; EC= 1.13.11.1; EC 1.13.11.1; catA
UniProt ID	P07773



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