

Recombinant Portulaca Grandiflora DODA Protein (1-271 aa), His-SUMO-Myc-tagged

Cat. No. DODA-2177P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Portulaca Grandiflora (Rose moss) DODA Protein (1-271 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-SUMO tag at the N-terminal and a Myc tag at the C-terminal. Protein Description: Full Length.
Species	Portulaca Grandiflora
Source	E.coli
ProteinLength	1-271 aa
Description	Opens the cyclic ring of dihydroxy-phenylalanine (DOPA) between carbons 4 and 5, thus producing an unstable seco-DOPA that rearranges nonenzymatically to betalamic acid.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	49.9 kDa
AA Sequence	MGVGKEVSFKESFFLSHGPNAMLADESFIARNFLLGWKKNVFPVKPKSILVVSAAHW ETDVPCVSAGQYPNVIYDFTEVPASMFQMKYPAPGCPKLAKRVQELLIAGGFKSAKL DEERGFHDHSSWVPLSMMCPADIPVCQLSVQPGLDATHHFNVGRALAPLKGEGLV FIGSGGAVHPSDDTPHWFDPVAPWAAEFQWLEDALLEGRYEDVNNYQTKAPEG WKLAHPIPEHFLPLHVAMGAGGEKSKAELIYRTWDHGTGLGYASYKFTSI

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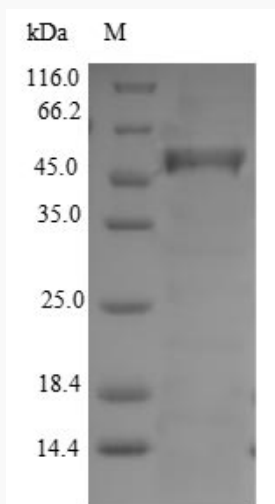
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, 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.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	DODA;
UniProt ID	Q7XA48



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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