



# Recombinant *Picea abies* Photosystem Q (B) protein

<b>Product Code</b>	CSB-CF343461EVK
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P50155
<b>Product Type</b>	Transmembrane Protein
<b>Immunogen Species</b>	<i>Picea abies</i> (Norway spruce) ( <i>Picea excelsa</i> )
<b>Sequence</b>	<p>TAIIERRESANLWGRFCDWITSTENRLYIGWFGVLMIPTLLTATSVFIIAFIAAPPV            DID            GIREPVSGSLLYGNNIISGAIPTSAAGLHFYPIWEAASVDEWLYNGGPYELIVL            HFLL            GVACYMGREWELSFRLGMRPWIAVAYSAPVAAATAVFLIYPIGQGSFSDGMP            LGISGTFN            FMIVFQAEHNILMHPFHMLGVAGVFGGSLFSAMHGSLVTSSLIRETTENQSAN            AGYKFGQ            EEETYNIVAAHGYFGRLIFQYASFNNRSRSLHFFLAAWPVAGIWFTALGISTMAL            NLNGFN FNQSVVDSQGRVINTWADIINRANLGMEVMHERNAHNFPDLA</p>
<b>Source</b>	in vitro E.coli expression system
<b>Target Names</b>	psbA
<b>Protein Names</b>	Recommended name: Photosystem Q(B) protein EC= 1.10.3.9 Alternative name(s): 32 kDa thylakoid membrane protein Photosystem II protein D1
<b>Expression Region</b>	2-344
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Shelf Life</b>	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.