

Recombinant mouse Phosphoserine aminotransferase

Catalog No: #AP71509



Package Size: #AP71509-1 20ug #AP71509-2 100ug #AP71509-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant mouse Phosphoserine aminotransferase
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-370aaSequence Info:Full Length
Other Names	Endometrial progesterone-induced protein Short name: EPIP Phosphohydroxythreonine aminotransferase
Accession No.	Q99K85
Uniprot	Q99K85
GeneID	107272;
Calculated MW	56.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MEATKQVVNFGPGPAKLPHSVLLEIQKQLLDYRGLGISVLEMSHRSSDFAKIIGNTENLVRELLAVPNNYKVIFV QGGGSGQFSAPVPLNLIGLKAGRSADYVVTGAWSAKAAEEAKKFGTVNIVHPKLGSYTKIPDPSTWNLNPDAS YVYFCANETVHGVEFDFVPDVKGAVLVCDMSSNFLSRPVDVSKFGVIFAGAQKNVGSAGVTVVIVRDDLLGFS LRECPSVL DYKVQAGNNSLYNTPPCFSIYVMGMVLEWIKNNGGAAAMEKLSSIKSQMIYEIIDNSQGFYVCPVE RQNRSRMNIPFRIGNAKGDEALEKRFLDKAVELNMISLKGHRVGGIRASLYNAVTTEDVEKLA AFMKNFLEM HQL
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the reversible conversion of 3-phosphohydroxypyruvate to phosphoserine and of 3-hydroxy-2-oxo-4-phosphonooxybutanoate to phosphohydroxythreonine.

References

"A tissue-specific atlas of mouse protein phosphorylation and expression."Huttlin E.L., Jedrychowski M.P., Elias J.E., Goswami T., Rad R., Beausoleil S.A., Villen J., Haas W., Sowa M.E., Gygi S.P.Cell 143:1174-1189(2010)Research Topic:Others

Note: This product is for in vitro research use only