

## Recombinant mouse Carboxylesterase 1C

Catalog No: #AP72927



Package Size: #AP72927-1 20ug #AP72927-2 100ug #AP72927-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant mouse Carboxylesterase 1C
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-550aaSequence Info:Partial
Other Names	Liver carboxylesterase NLung surfactant convertasePES-N
Accession No.	P23953
Uniprot	P23953
GenID	13884;
Calculated MW	60.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	<p>HSLLPVVDTTQGKVLGKYISLEGFEQPVAVFLGVPFAKPLGLSLRFAPPQPAEPWSFVKNATSYPPMCSQDA            GWAKILSDMFSTEKEILPLKISEDCLYLNISPADLTKSSQLPVMVWIHGGGLVIGGASPYNGLALSAHENVVVV            TIQYRLGIWGLFSTGDEHSPGNWAHLDLQAALRWVQDNIANFGGNPDSVTIFGESSGGISVSVLVLSPLGKDL            FHRAISESGVVINTNVGKKNIQAVNEIATLSQCNDTSSAAMVQLRQKTESELLEISGKLVQYNISLSTMIDGVV            LPKAPEEILAEKSFNTVPYIVGFNKQEFGWIIIPMMLQNLPEGKMNEETASLLRRFHSELNISESMIPAVIEQYL            RGVDDPAKSELILDMFGDIFFGIPAVLLSRSLRDAGVSTMYEFYRPSFVSDKRPQTVEGDHGDIEFFVFGA            PLLKEGASEEETNLSKMVMKFWANFARNGNPNGEGLPHWPEYDEQEGYLQIGATTQQAQRLKAEVAFWTE            LLAKNPPETDPTEH</p>
Formulation	Tris-based buffer50% glycerol
Storage	<p>The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.</p> <p>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.</p>

## Background

Involved in the detoxification of xenobiotics and in the activation of ester and amide prodrugs. Involved in the Extracellular domain metabolism of lung surfactant.

## References

Characterization of a murine cDNA encoding a member of the carboxylesterase multigene family.Ovnic M., Tepperman K., Medda S., Elliott R.W., Stephenson D.A., Grant S.G., Ganschow R.E.Genomics 9:344-354(1991)Research Topic:Others

---

Note: This product is for in vitro research use only