

Recombinant human Cathepsin D

Catalog No: #AP71754



Package Size: #AP71754-1 20ug #AP71754-2 100ug #AP71754-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Cathepsin D
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:67-403aaSequence Info:Partial
Accession No.	P07339
Uniprot	P07339
GeneID	1509;
Calculated MW	63.8 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	IPEVLKKNYMDAQYYGEIGIGTPQCFTVVFDTGSSNLWVPSIHCKLLDIACWIHHKYNSDKSSTYVKNGTSTFDIH YGSGLSGYLSQDTSVPCQSASSASALGGVKVERQVFGEATKQPGITFIAAKFDGILGMAYPRISVNNVLPVF DNLMQQKLVDQNIFSFLSRDPDAQGGELMLGGTDSKYYKGSLSYLNVTRKAYWQVHLDQVEVASGLTLC KEGCEAIVDTGTSLMVGVPDEVRELQKAIGAVPLIQGEYMIPCEKVSTLPAITLKLGGKGYKLSPEYTLKVSQA GKTLCLSGFMGMDIPPPSGPLWILGDVFIGRYYTVFDRDNNR
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

Acid protease active in intracellular protein breakdown. Involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.

References

Proteomic and bioinformatic characterization of the biogenesis and function of melanosomes.Chi A., Valencia J.C., Hu Z.-Z., Watabe H., Yamaguchi H., Mangini N.J., Huang H., Canfield V.A., Cheng K.C., Yang F., Abe R., Yamagishi S., Shabanowitz J., Hering V.J., Wu C., Appella E., Hunt D.F.J. Proteome Res. 5:3135-3144(2006)Research Topic:Neuroscience

Note: This product is for in vitro research use only