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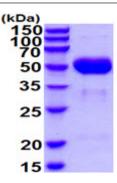
AR52049PU-S Mouse Cathepsin A (24-474, His-tag) - Purified

Altornato namos	CTSA Carbovupontidaça C. Carbovupontidaça L. Lucacomal protoctivo protain DDCA
Alternate names:	CTSA, Carboxypeptidase C, Carboxypeptidase L, Lysosomal protective protein, PPCA, PPGB, Protective protein for beta-galactosidase
Quantity:	50 µg
Concentration:	0.5 mg/ml (determined by absorbance at 280nm)
Background:	CTSA, also known as lysosomal protective protein isoform b, is a component of the lysosomal multienzyme complex along with beta-galactosidase and sialidase Neu1. It is a multicatalytic enzyme with deamidase and esterase in addition to carboxypeptidase activities. Recombint mouse CTSA, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventiol chromatography techniques.
Uniprot ID:	<u>P16675</u>
NCBI:	<u>NP_001033581</u>
Species:	Mouse
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: Phosphate Buffered Saline (pH 7.4) containing 10% glycerol. Endotoxin Level: < 1.0 EU per 1 microgram of protein (determined by LAL method)
Description:	AA Sequence: APDQDEIDCL PGLAKQPSFR QYSGYLRASD SKHFHYWFVE SQNDPKNSPV VLWLNGGPGC SSLDGLLTEH GPFLIQPDGV TLEYNPYAWN LIANVLYIES PAGVGFSYSD DKMYVTNDTE VAENNYEALK DFFRLFPEYK DNKLFLTGES YAGIYIPTLA VLVMQDPSMN LQGLAVGNGL ASYEQNDNSL VYFAYYHGLL GNRLWTSLQT HCCAQNKCNF YDNKDPECVN NLLEVSRIVG KSGLNIYNLY APCAGGVPGR HRYEDTLVVQ DFGNIFTRLP LKRRFPEALM RSGDKVRLDP PCTNTTAPSN YLNNPYVRKA LHIPESLPRW DMCNFLVNLQ YRRLYQSMNS QYLKLLSSQK YQILLYNGDV DMACNFMGDE WFVDSLNQKM EVQRRPWLVD YGESGEQVAG FVKECSHITF LTIKGAGHMV PTDKPRAAFT MFSRFLNKEP YVEHHHHH Molecular weight: 52.4 kDa (459aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Seyrantepe V., et al. (2008) Circulation. 117:1973-1981. Hiraiwa M., et al. (1999) Cell Mol Life Sci. 56:894-907.

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.



Pictures:



15% SDS-PAGE (3ug)

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