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Ctsd, 21-410aa, Mouse, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01776

第三版

别名: Cathepsin D, Ctsd, CatD, CD

描述: Ctsd, also known as cathepsin D, is peptidase belonging to the family of aspartic peptidases. It is intracellular catabolism in lysosomal compartments, other physiological effect include hormone and antigen processing. It plays an important role in α -synuclein degradation, and neuronal survival. It has also been shown to mediate apoptosis induced by various stimuli and p53-dependent tumor suppression. Recombinant mouse Ctsd, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 44.0kDa (398aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

IIRIPLRKFTSIRRTMTEVGGSVEDLILKGPITKYSMQSSPKTTEPVSELLKNYLDAQYYGDIGIGTPPQCFTVVFDTGSSNLW
VPSIHCKILDIAACWVHHKYNSDKSSTYVKNGT SFDIHYGSGSLSGYLSQDTVSVPCSKDQSKARGIKVEKQIFGEATKQPGI
VFVAAKFDGILGMGYPHISVNNVLPVFDNLMQQKLV DKNIFSYLNRDPEGQPGGELMLGGTDSKYYHGELSYLNVTRK
AYWQVHMDQLEVGNELTLCKGGCEAIVDTGTSLLVGPVEEVKELQKAIGAVPLIQGEYMIPCEKVSSLPTVYLKLGKKNY
ELHPDKYILKVSQGGKTICLSGFMGMDIPPPSGPLWILGDVFIGSYT VFDRDNNRVGFANAVLLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.