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Recombinant Human NTPDase 2 / ENTPD2 Protein (aa 29-460, His tag)

产品货号: TP07179

第三版

别名:CD39L1;NTPDase-2;RP11-229P13.11-001

描述:NTPDase 2, also known as ENTPD2, belongs to the ecto-nucleoside triphosphate diphosphohydrolase family (E-NTPDase). Members of E-NTPDase family are nucleotidases able to hydrolyze 5'-nucleoside tri- and/or diphosphates; the main role of these enzymes is the termination of purinergic signaling. NTPDases are ubiquitous and were previously shown in other parasites including the trypanosomatids of genus Leishmania and in *T. brucei*. NTPase activity would act as a timer and is crucial to *T. gondii* infection. In *L. pneumophila* it was demonstrated that an E-NTPDase, similar to CD39, is essential for intracellular bacterial multiplication. NTPDase 2 is an integral membrane protein. In the nervous system, it could hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. Alternative splicing of NTPDase 2 gene results in multiple transcript variants.

配方:PBS

分子量:49.3 kDa

序列:Thr 29-Asp460

纯度:> 95% by HPLC

浓度:

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.