

Recombinant Human Caspase-2(CASP2)

Catalog No: #AP70119

Package Size: #AP70119-1 20ug #AP70119-2 100ug #AP70119-3 1mg

Description

Product Name	Recombinant Human Caspase-2(CASP2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-452aaSequence Info:Full Length
Other Names	Neural precursor cell expressed developmentally down-regulated protein 2 ;NEDD-2;Protease ICH-1
Accession No.	P42575
Calculated MW	66.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AAPSAGSWSTFQHKELMAADRGRRLGVCGMHPHHQETLKKNRVVLAKQLLLSELLEHLLEKDIITLEMRELIQ AKVGSFSQNVELLNLLPKRGPQAFDAFCEALRETKQGHLEDMLLTLSGLQHVLPLSCDYDLSLPFPVCESC PLYKKLRLSTDTVEHSLDNKDGVPCLQVKPCTPEFYQTHFQLAYRLQSRPRGLALVLSNVHFTGEKELEFRSG GDVDHSTLVTLFKLLGYDVHVLCDQTAQEMQEKLQNFQQLPAHRVTDSCIVALLSHGVEGAIYGVGDKLLQLQ EVFQLFDNANCPSLQNKPKMFFIQACRGDETDGVDQDQDGKNHAGSPGCEESDAGKEKLPKMRLPTRSDMI CGYACKGTAAAMRNTKRGSWYIEALAQVFSEACDMHVADMLVKVNALIKDREGYAPGTEFHRCKEMSEYC STLCRHLYLFPGHPT
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

Involved in the activation cascade of caspases responsible for apoptosis execution. Might function by either activating some proteins required for cell death or inactivating proteins necessary for cell survival.

References

Ich-1, an Ice,ced-3-related gene, encodes both positive and negative regulators of programmed cell death.Wang L., Miura M., Bergeron L., Zhu H., Yuan J.Cell 78:739-750(1994)Research Topic:Cancer

Note: This product is for in vitro research use only and is not intended for use in humans or animals.