

TRAF6 peptide

Cat. No.:	HY-P3709
CAS No.:	852805-92-6
Molecular Formula:	C ₁₄₅ H ₂₃₈ N ₃₄ O ₄₄
Molecular Weight:	3161.64
Sequence Shortening:	AAVALLPAVLLALLAPESASGPSVEDPSVNFLK
Target:	E1/E2/E3 Enzyme; p62
Pathway:	Metabolic Enzyme/Protease; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	TRAF6 peptide is a specific TRAF6-p62 inhibitor. TRAF6 peptide potently abrogates NGF-dependent TrkA ubiquitination. TRAF6 peptide has good research potential in neurological diseases such as alzheimer's disease (AD), parkinson's, ALS, head trauma, epilepsy and stroke ^[1] .								
In Vitro	<p>TRAF6 peptide (150 µM; 5 h) blocks the interaction of p62 with TRAF6 in PC12 cells^[1]. TRAF6 peptide eliminates TRAF6 and UbcH7 from interacting with TrkA and can effectively abolish NGF-dependent ubiquitination of TrkA in vitro^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only. Western Blot Analysis^[1]</p> <table> <tr> <td>Cell Line:</td><td>PC12 cells</td></tr> <tr> <td>Concentration:</td><td>150 µM</td></tr> <tr> <td>Incubation Time:</td><td>5 h</td></tr> <tr> <td>Result:</td><td>Inhibited the interaction of p62 with TRAF6 by immunoprecipitating TRAF6.</td></tr> </table>	Cell Line:	PC12 cells	Concentration:	150 µM	Incubation Time:	5 h	Result:	Inhibited the interaction of p62 with TRAF6 by immunoprecipitating TRAF6.
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Result:	Inhibited the interaction of p62 with TRAF6 by immunoprecipitating TRAF6.								

REFERENCES

[1]. Wooten, Marie W. Substances interfering with TRAF6-p62 interaction for inhibiting intracellular aggregate formation and methods for screening for such substances. Patent WO2005050170A2.

Caution: Product has not been fully validated for medical applications. For research use only.

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