

SMAC/Diablo, 56-239aa, Human, T7 tagged, Recombinant, E.coli

Cat.NO.: TP03964

3th Edition

Synonyms:SMAC3, DIABLO-S, FLJ10537, FLJ25049, Diablo isoform 1, SMAC/Diablo, Diablo isoform 1 0610041G12Rik, DBOH, Diablo homolog, DIABLO S, Diablo homolog (Drosophila), Mitochondrial Smac protein, Diablo homolog mitochondrial, SMAC 3, Smac protein.

Description:Smac/Diablo is one of the proapoptotic proteins. Smac promotes caspase activation in the cytochrome c/Apaf-1/caspase-9 pathway by binding to inhibitor of apoptosis proteins (IAPs) and removing their inhibitory activity. Recombinant human Smac fused to T7-tag. at N-terminus was expressed in E.coli and purified by conventional chromatography techniques.

Form:Liquid in 20mM Tris pH 7.5

Molecular Weight:22 kDa (199 aa), confirmed by MALDI-TOF.

Sequences:

MASMTGGQQMGRGSMVAVPIAQKSEPHLSSEALMRRRAVSLVTDSTSTFLSQTTYALIEAITEYTKAVYTLTSLYRQY
TSLLGKMNSEEEDEVWQVIIGARAEMTSKHQEYLKLETTWMTAVGLSEMAAEAAAYQTGADQASITARNHIQLVKLQ
VEEVHQLSRKAETKLAEAQIEELRQKTQEEGEERAESEQEAYLRED

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.