

Recombinant Human SHANK1 protein, His-tagged

Cat. No. SHANK1-26H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IRAK2 protein(O43187)(1-625aa), fused with C-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-625aa
Tag	C-His
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	76.3 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final

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concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

AA Sequence

MACYIYQLPSWVLDDLCRNMDALSEWDWMEFASYVITDLTQLRKIKSMERVQGVSI
TRELLWWWGMRQATVQQLVDLLCRLELYRAAQIILNWKPAPEIRCPIAFPDSVKPE
KPLAASVRKAEDEQEEGQPVRMATFPGPGSSPARAHQPAFLQPPEEDAPHSLRSD
LPTSSDSKDFSTSIPKQEKLLSLAGDSLFWSEADVQATDDFNQNRKISQGTFAADV
RGHRHGKPFVFKKLRETACSSPGSIERFFQAELQICLRCCHPNVLPVLGFCARQFH
SFIYPYMANGSLQDRLQGQGGSDPLPWPQRVSICSGLLCAVEYLHGLEIIHSNVKSS
NVLLDQNLTPKLAHPMAHLCPVNRKSKYTMMKTHLLRTSAAYLPEDFIRVGQLTKRV
DIFSCGIVLAEVLTGIPAMDNNRSPVYLKDLLLSDIPSSTASLCSRKTGVENVMAKEIC
QKYLEKGAGRLPEDCAEALATAACLCLRRRNTSLQEVCGSVAAVEERLRGRETLPP
WSGLSEGTGSSSNTPEETDDVDNSSLDASSMSVAPWAGAATPLLPTENGEGRRLR
VIVGREADSSEACVGLEPPQDVTETSWQIEINEAKRKL MENILLYKEEKVDSIELFG
P

GENE INFORMATION

Gene Name	IRAK2 interleukin-1 receptor-associated kinase 2 [Homo sapiens]
Official Symbol	IRAK2
Synonyms	IRAK2; interleukin-1 receptor-associated kinase 2; interleukin-1 receptor-associated kinase-like 2; interleukin-1 receptor associated kinase-2; IRAK-2; MGC150550;
Gene ID	3656
mRNA Refseq	NM_001570
Protein Refseq	NP_001561

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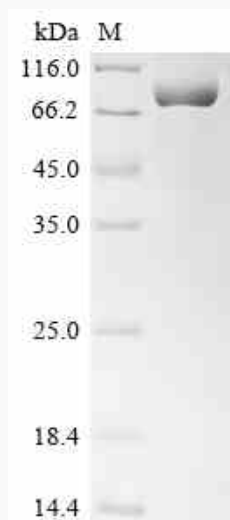
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MIM 603304

UniProt ID O43187

SDS-PAGE



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