

Recombinant Mouse B7-H2

Cat. No. B7H2-63M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Mouse B7-H2 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.
Species	Mouse
Source	Yeast
Description	B7-H2, also known as CD275, is a member of the B7 family and has a predicted molecular weight of ~31 kDa. Mouse B7-H2 is expressed by antigen presenting cells including B cells, monocytes/macrophages and dendritic cells. It binds to the ICOS molecule. The interaction of ICOS/B7-H2 plays an important role in the T cell costimulation pathway.
Form	Lyophilized
Molecular Mass	31.0 kDa
AA Sequence	ETEVGAMVGS NVVLSCIDPH RRHFNLSGLY VYWQIENPEV SVTTYLPYKS PGINVDSSYK NRGHLSLDSM KQGNFSLYLK NVTPQDTQEF TCRVFMNTAT ELVKILEEVV RLRVAANFST PVISTSDSSN PGQERTYTCM SKNGYPEPNL YWINTTDNSL IDTALQNNTV YLNKLGlyDV ISTLRLPWTS HGDVLCVEN VALHQNITSI SQAESFTGNN TKNPQETHNN ELKVLVPVLA VLAAAFVSF IYRRTRPHR SYTGPKTVQL ELTDHA (276)
Applications	The Mouse B7-H2 protein can be used in cell culture, as an B7-H2 ELISA Standard,

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and as a Western Blot Control.

Storage

-20 C

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