Oligo(deoxyadenosine:de
(endotoxin-free)
(synthetic)

IFN activator

Strong IFN inducer, **dependent** of IRF3.

Ordering Information

Order Online »

ALX-746-023-C050	50µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended. Aqueous stock solution is stable for 1 day when stored at +4°C.
Handling	Protect from light. For maximum product recovery after thawing, centrifuge the vial before opening the cap. After reconstitution, prepare aliquots and store at -20°C.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Oligo(dA:dT)
Couple Target	IFN
Couple Type	Activator
Endotoxin Content	<0.0002EU/μg (LAL test; BioWhittaker)
Formulation	Lyophilized. Sterile.
Quantity	Aliquoted by weight of dry material. Contains polymer, residual salt and water. Sufficient for at least 200 cellular activation assays at 0.01-0.025μg/ml.
Reconstitution	For a 250μg/ml stock solution, dissolve the total vial content in 200μl endotoxin-free buffer or water.
Source	Synthetic.

Technical Info / Product Notes

For *in vitro* stimulation we recommend the following procedure:

1. Bone marrow-derived mouse dendritic cells (BM mDC) are cultured 8×10^4/100µl in RPMI containing 10% FCS over night at 5% CO_2 and 37°C.
2. The medium is removed and replaced by 100µl OPTI MEM (Invitrogen) and subsequently the transfection mixture is added: 25µl OPTI MEM containing 0.025 to 0.25 Poly(dA:dT) + 25µl OPTI MEM containing 0.5µl Lipofectamine 2000 (Invitrogen) or alternative transfection agents.
3. Over night stimulation at 5% CO_2 and 37°C.
4. Measurement of IFN-α/β in culture supernatants.

Last modified: May 29, 2024

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